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Number 7

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August 18, 1941

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Lacquer Solvents, Surface Coatings

Form No.
4363—Lacquer Solvents in Commercial Use.
4936—Natural Resins Solubility Chart.
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4938—Dilution Ratios of Nitrocellulose Solvents.
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4396—Wetting Action of "Tergitol". Penetrants (India Rubber World)
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4697—Use of Wetting Agents in Glass Apparatus.
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4506—Correcting Leakage in Gas Distribution Systems with "Carboseal" Anti-leak.
4934—Solvents in Printing Ink Manufacture.
4066—Ethylene for Coloring Matured Fruits and Vegetables.

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Volume 140 **August 18, 1941** **Number 7**

Simplification Plans Not 'Trust' Actions

OPD Washington Bureau
August 14, 1941

Sympathetic attitude of the Department of Justice toward simplification practices as developed by the National Bureau of Standards was indicated in a letter from Assistant Attorney-General Thurman Arnold to Undersecretary of Commerce Wayne C. Taylor made public today. Arnold's letter was to allay any fears in the minds of manufacturers that they might run afoul of the antitrust laws if they took concerted action to reduce the number of styles and sizes in the interest of national defense.

Mr. Taylor had called to the attention of Mr. Arnold the fact that discussions between government officials and representatives of industry disclosed the existence of doubt and misunderstanding concerning steps which groups in industry were free to take in this regard. Mr.

—Continued on page 58

Paint Specifications Submitted by B. of S.

OPD Washington Bureau
August 12, 1941

Proposed Federal specifications for three paints, one lacquer, and two paint materials have been tentatively drafted by the National Bureau of Standards and submitted to the industry for critical comment. These specifications cover:—

Traffic paint, white.
Traffic paint, yellow.
Concrete and masonry paint, exterior, ready-mixed eggshell finish, white and tints.
Spraying lacquer for general use.
Magnesium silicate, dry, for paint pigment.
Lacquer thinner.

Copies of the proposed specifications may be got from E. F. Hickson, chairman of the technical committee on paint, Federal Specifications Executive Committee, National Bureau of Standards, Department of Commerce, Washington. Because of the emergencies of defense comments must be submitted to Mr. Hickson not later than August 30.

The detailed requirements in the several proposed specifications are as follows:—

Traffic Paint, White

(No materials are suggested.)

The paint shall conform to the following requirements:

Drying properties.—Shall set to touch in not less than 10 minutes nor more than thirty-five minutes; and shall dry hard in not more than one hour, at temperatures between 50° and 60° F., so that there will be no "pick-up" or discoloration under traffic.

Wet hiding power.—Not less than 225 square-feet per gallon.

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Rosin Loan Value Boosted Half-Cent

OPD Washington Bureau
August 14, 1941

An increase of one-half cent per pound in the loan values of gum rosin under the 1941 gum naval stores loan program administered by the Commodity Credit Corporation was announced today by the Department of Agriculture. The action was taken at the request of the American Turpentine Farmers Association, which represents approximately 95 percent of rosin production.

The new rate will result in an average loan to rosin producers of $2.70 per 100 pounds net weight on gum

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La. Ammonia Plant Contract Is Awarded

OPD Washington Bureau
August 14, 1941

The War Department today announced the award of a contract to the Commercial Solvents Corporation, New York, for the construction of a $9,250,000 anhydrous ammonia plant at Sterlington, La. Commercial Solvents will manage the plant.

The contract provides for subcontracting of the construction work and architectural and engineering services, as well as the training of key personnel. The Army has contracted to take the entire output of ammonia produced by the plant for one year.

Material Substitutes Studied by Navy

OPD Washington Bureau
August 13, 1941

Expansion of its study of materials which may be used as substitutes for critical items will be undertaken by the Bureau of Yards and Docks of the Navy Department in order that natural resources may be conserved for use in the manufacture of products where substitutes can not be utilized.

The wide field of materials which may be used in industry not only makes this study of great importance from a conservation standpoint, but opens up a realm for the introduction of new types of materials which heretofore have not been fully developed. As examples, the Bureau of Yards and Docks points out that the fields of plastics, masonry, glass, special cements, and wood products offer wide possibilities as substitues for steel.

The use of fire-retardant chemicals in connection with wood construction may be a field of development which will give construction comparable to steel in the fireproof field. The use of plastics and various compositions for piping materials is another possibility in the field of substitutes for metal.

The Bureau of Yards and Docks periodically has been issuing memoranda to the field, listing substitute materials to be used in construction work for

—Continued on page 40

Tax Bill Hearing Finds Sentiment for Sales Levy

OPD Washington Bureau
August 14, 1941

Considerable sentiment in favor of including in the tax bill, recently approved by the house, a general sales tax, was aired before the senate finance committee this week as it continued its hearings on the measure. A proposal for a general "purchase tax," similar to that in effect at the present time in England, was presented to the committee by Harcourt Amory, chairman of the Federal taxation committee of the Investment Bankers Association.

Mr. Amory said that the "purchase tax" was about the same thing as a manufacturers' sales tax. Under his plan, commodities would be divided into three groups. Absolute necessities, he said, would be exempt from the special tax, while luxuries would be taxed at a rate of 10 percent. Those commodities falling in between absolute necessities and nonessential luxuries would be taxed at a rate of 5 percent. Approximately $560,000,000 would be provided under this program, Mr. Amory estimated.

Imposition of an excess profits tax on personal incomes also was recommended by the investment banker. This levy would be placed on all wage and salary increases received after the date of enactment of the measure.

Surtax on Income Boosts

Explaining this proposal, Mr. Amory said:—

Such a tax placed at 10 percent of the annual net income increase would be a substantial revenue producer and would make those individuals fortunate enough to benefit directly or indirectly from the defense program contribute a small share of the benefits received to the government. The unusual profits of corporations due directly or indirectly to the de-

—Continued on page 43

Folkers Gets A.C.S. Pure Chemistry Prize

The $1,000 American Chemical Society prize in pure chemistry has been awarded for 1941 to Dr. Karl A. Folkers, assistant director of research for

Dr. Karl A. Folkers

Merck & Co, manufacturing chemists, Rahway. N. J. Presentation of the award, given annually for outstanding research in pure chemistry by a man or woman less than thirty-six

—Continued on page 48

U.S. to Get Tin Cargo From Dutch East Indies

OPD Washington Bureau
August 11, 1941

Jesse Jones, Federal Loan Administrator, announced today that Metals Reserve Company has concluded an agreement with the Banka and Billiton tin interests of the Netherlands East Indies whereby Metals Reserve Company will acquire tin concentrates containing 20,000 tons of fine tin from these producers. These concentrates will be shipped from the Netherlands East Indies to the smelter now in course of construction for Metals Reserve Company at Texas City, Tex., and will there be converted into fine tin. It is expected that the smelter at Texas City will be completed this coming Winter.

Tin Deposits in Carolinas

Investigations of domestic deposits of strategic minerals by the Geological Survey, United States Department of the Interior, have included the examination, by T. L. Kessler and five assistants, of practically all known tin deposits in the Piedmont section of North and South Carolina. The de-

—Continued on page 31

Calcium-Silicon Removed From Inventory Control

OPD Washington Bureau
August 14, 1941

Calcium-silicon, aluminum scrap, iron and steel products, ferrotungsten, and ferrochromium, have been removed from the inventory control exercised by general metals Order No. 1, E. R. Stettinius, Jr., Director of Priorities, announced today.

Because these items have been placed under industry-wide priority control in a series of orders which include prohibition of excessive inventory buying, the amendment to the general metals order was issued. It is effective today.

Army Offered Corn by CCC To Avoid Alcohol Shortage

OPD Washington Bureau
August 13, 1941

The Commodity Credit Corporation has offered to make 20,000,000 bushels of government-owned corn available to the War Department for the production of alcohol to be used in the manufacture of munitions, it was announced today by Secretary of Agriculture Claude R. Wickard. The offer was made in response to a request by the War Department for corn needed to meet the increased demand for alcohol in national defense.

Commenting on the offer, Secretary Wickard said:—

The proposal seems to have merit from many points of view. Using corn in the manufacture of industrial alcohol will further the national defense effort by making available more alcohol and by freeing tanker space needed for the shipment of strategic materials, and will also aid the agricultural situation by removing surplus corn and making increased corn storage space available for the 1941 crop. Feed grain supplies are more than sufficient to meet requirements for the increases in livestock, dairy and poultry production sought under the food-for-defense program.

In making the request to the Department of Agriculture the War Department pointed out the probability of a shortage of at least 50,000,000 gallons of alcohol during the coming year unless additional sources and processes for producing this alcohol are developed. Approximately 50,0000,000 gallons of alcohol can be produced from 20,000,000 bushels of corn.

Another consideration in the use of corn for the production of alcohol pointed out in the request is the release of urgently needed tanker transportation. Quantities of imported molasses are now used in manufacturing industrial alcohol. One hundred tanker trips are required to move 125,000,000 gallons of molasses from Cuba to United States consuming centers. One hundred twenty-five millon gallons of blackstrap molasses will produce about the same quantity of alcohol as 20,000,000 bushels of corn.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals, oils, and drugs is currently as follows:—

Aug. 15, 1941	Aug. 8, 1941	Aug. 16, 1940
127.9	**127.5**	**100.4**

Dyestuffs, textile and leather chemicals, drugs and fine chemicals, botanical drugs, spices, and gums, essential oils and aromatic chemicals are up from the preceding week. Oils, fats, and waxes are down a little.

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Closing Markets

Pa. Lower District Oil Up

The Pennzoil Co. met the advance in Pennsylvania-grade crude oil prices by raising lower district crude 23c. per barrel to a range of $2.86 to $2.91.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday in a very quiet market. Strength in soybeans caused covering by local and other shorts. Crude cottonseed oil was scarce and firm. Soybean oil was steadier. Coconut oil and tallow remained firm.

Soda Phosphate Firmer

One producer raised prices for di basic and tri basic soda phosphate late in the week. Prices for anhydrous di basic carlots were 85c. higher at $6.25 for bags and less carlots, advanced 90c. at $7.25 per 100 pounds; di basic, carlots, up 35c. at $2.55 for bags. Tri basic advanced 35c. to the basis of $2.70 for bags in carlots and less carlots $3.10 per 100 pounds. Usual differential prevail for barrel and kegs.

Quicksilver Price Cut Undertaken by Henderson

OPD Washington Bureau
August 15, 1941

Price Administrator Leon Henderson today predicted that quicksilver prices will be forced down by substantially augmented supplies becoming available to civilian users. He said the entire Mexican supply of over 2,000 flasks a month is now going to the government stockpile and domestic mines have been relieved of the obligation of selling to the government.

Mr. Henderson said current prices are completely out of line and there is no reason for any private buyers to pay present levels. He asks that persons compelled to pay currently quoted prices communicate with his office.

Bids Wanted

Acetone:—15,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Alcohol, Denatured: — 77,502 gallons; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton; circular 247, opening August 21.

Aluminum:—5,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 855, opening August 21.

Barium Peroxide:—81,000 pounds; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 8356, opening August 26.

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OPM Forms Field And Compliance Unit

OPD Washington Bureau
August 14, 1941

Creation of a new compliance and field section within the Division of Priorities, to consolidate and cordinate the program and activities of the compliance section, the priorities field service, and inventory control, was announced today by E. R. Stettinius, jr., Director of Priorities. The new control section will be headed by L. J. Martin, assistant deputy director, and will combine and handle all the functions hitherto performed separately by the operation units named.

Appointment of James MacPherson of San Francisco as assistant director of purchases in charge of the equipment and supplies branch has been announced by Donald M. Nelson, Director of Purchases, Office of Produc-

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Chemical Price Average Raised

More upping in the drug and fine chemical divisions made a higher average level of prices of chemicals and related materials last week. Quicksilver got another boost in spite of reported OPACS scrutiny. The government elevated naval stores values, and the war did some more hoisting of botanicals.

Business continued to get bigger and bigger, hence still was too big to be handled adequately. Government buying expanded. Scarcities spread, coaltar bases and intermediates becoming rather rare. More export controls were laid, but there were no new priority listings.

Prices were advanced on quicksilver, pure-food grades of phosphoric acid, fluoride of ammonia, silicofluoride of magnesia, domestic and Argentine casein, soybean protein, bone glue, dividivi, gum rosin, gum and steam-distilled wood turpentines, capric acid, edible cottonseed oil, domestic egg albumen, egg yolk, aloin, glycerophosphates, peppermint oil, and cottonseed meal in the Southeast.

Prices were reduced on lard, linseed oil, soybean oil and acids, castor beans, dried blood, and feeding tankage.

The result of the changes is shown in the *OPD Price Index* at the top of the column to the left.

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Textile Chemists Planning Convention

The American Association of Textile Chemists and Colorists will hold its annual convention October 31 and November 1 in Pinehurst, N. C. Head-

Samuel L. Hayes
General Chairman, A.A.T.C.C. Convention

quarters will be in the Carolina hotel.

The general committee of arrangements is headed by Samuel L. Hayes, of the Ciba Company, Charlotte. The several aspects of the convention ac-

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Oil Firms Offer Plan For Texas-N.Y. Pipeline

OPD Washington Bureau
August 11, 1941

Details of the proposal of the oil industry to construct the longest single pipeline system in the world, contemplating the immediate start of work on the new network and probable completion within nine months were made public today by Defense Petroleum Coordinator Harold L. Ickes. The new line is designed to transport 250,000 barrels of crude oil daily from East Texas to the New York and Philadelphia refining centers, and was made necessary by the transfer of tankers from the Gulf to East coast run to the British service.

Mr. Ickes warned that the effect of this pipeline on the oil supplies along the Atlantic Seaboard will not be felt soon enough to be a factor in solving

—Continued on page 56

La. Oil Pipeline Right-of-Way Sought

OPD Washington Bureau
August 12, 1941

An application for Federal aid in securing rights-of-way for a petroleum pipeline project from Baton Rouge, La., to Greensboro, N. C., has been received from the Plantation Pipeline Company, sponsor of a 1,200 mile line to carry petroleum products, it was reported today by Harold L. Ickes, Defense Petroleum Coordinator. This is the first formal request for aid filed under the provisions of the Cole pipeline act, recently signed by the President. Capacity of the line has been estimated at from 60,000 to 90,000 barrels daily, the actual quantity transported to depend on the number of pumping stations finally installed.

The coordinator's office was informed by company representatives that most of the material needed for the new line are available, that contracts for actual construction have already been let, but that inability to secure certain portions of the right-of-way, especially in the State of Georgia, is holding up progress. It will require the issuance of a proclamation by the President of the United States for the company to receive the privilege of exercising the right of eminent domain. The project could be completed by late December if legal obstacles were removed, it was said.

Price Control Hearing to Recess

OPD Washington Bureau
August 14, 1941

The hearing of the house banking and currency committee on the emergency price control bill dragged through its ninth session today, with indications that the hearings will be continued well into the Fall. Leon Henderson, Administrator of the Office of Price Administration and Civilian Supply, told the committee that immediate action was imperative on the bill if inflation was to be prevented. However, the committee held to its decision to recess after the hearing Friday until September 15.

Questions throughout the hearing were concerned mainly with Mr. Henderson's background rather than with the provisions of the bill. Mr. Henderson, questioned on a statement made by Representative Martin T. Dies that Mr. Henderson had been associated with a Communist organization, answered:—

I don't know what organizations Mr. Dies calls Communist, but as of the time of which he spoke I was a member in good standing of five organizations, and I mean I paid dues and subscribed to their principles. They were the American Legion, the Free and Accepted Masons, Delta Upsilon fraternity, the Democratic party—and of course the National Press Club and I was honorary member of the Board of Trade of Millville, N. J.—and I was chairman of the Friends of Spanish Democracy.

Discussing the personnel of his office, Mr. Henderson said that all his employees were investigated by a government intelligence service, and were discharged if they were found to be members of any Communistic organization.

Instalment Credit Limited by President

OPD Washington Bureau
August 14, 1941

Purposes of instalment credit regulation as a supplementary step in the government's program to combat inflation were outlined at a conference today between the board of governors of the Federal Reserve System and representatives if the twelve Federal Reserve Banks, by Marriner S. Eccles, chairman of the board.

In administering the regulations to be issued under authority of the exclusive order issued last Saturday by President Roosevelt, Mr. Eccles explained, the Federal Reserve System will utilize the twelve banks and their twenty-four branches, thus making available the system's practical experience in the field of credit and decentralizing as far as possible in the administration of the regulations. These are expected to be issued during the next few days.

The executive order authorizes the board to regulate transfers of credit

—*Continued on page* 33

Quantity Price Plan Of Ass'n Hit by F.T.C.

OPD Washington Bureau
August 15, 1941

The Federal Trade Commission issued a complaint charging the National Association of Sanitary Milk Bottle Closure Manufacturers, Philadelphia; five of its officers and executive committee members, and ten manufacturers of closure milk bottle caps, with carrying out combinations and agreements for fixing and maintaining prices, and other practices in restraint of trade.

The complaint charges that the respondent association members, pursuant to their combinations and agreements, have filed with the respondent association their price lists for closure milk bottle caps; agreed that they would not deviate from the filed prices until new and different prices were so filed; permitted the respondent association to disseminate prices so filed to all other members of the association; fixed and maintained uniform discounts and other conditions for the sale of their closure caps; and fixed and maintained, with dairies, uniform contract terms which pro-

—*Continued on page 29*

Intercoastal Cargo Priorities Group Set Up

OPD Washington Bureau
August 13, 1941

Establishment of an advisory committee for the handling of cargo priorities in the intercoastal services to serve the best interests of national defense and to assure the movement at the proper time of commodities required in the defense effort, was announced today by the Maritime Commission. The preliminary discussions, it was stated, indicated that the principle commodities involved are lumber eastbound, and iron, steel and machinery westbound.

Governmental agencies seeking priorities will clear through the shipping section of the Priorities Division of the Office of Production Management, which will coordinate the requests of all governmental agencies. After these requests are coordinated, they will be administered through the Maritime Commission.

The commission recently appointed Roy G. Banks with headquarters at New York, whose principle duties will be the handling of these priorities questions with the intercoastal carriers. Shippers seeking priorities for cargo other than that in which some governmental agency has an interest will be requested to communicate with G. Lloyd Wilson of the Office of Price Administration and Civilian Supply, who will handle their requirements with the advisory committee.

International Load Line Suspended by U.S.

OPD Washington Bureau
August 11, 1941

The President has today issued a proclamation declaring suspended in the ports and waters of the United States, in so far as the United States is concerned, for the duration of the present emergency, the International Load Line Convention signed at London July 5, 1930.

The convention contains provisions with respect to the placing of load lines on ships engaged on international voyages other than ships of war, ships solely engaged in fishing, pleasure yachts and ships not carrying cargo or passengers, and those of less than 150 tons, flying the flags of the contracting parties.

In view of the need for tonnage in the trade between the United States and the other American Republics, particularly tanker facilities for petroleum products, the shortage in which has a direct bearing upon na-

—*Continued on page 60.*

A.Ph.A. Convention In Session This Week

The eighty-ninth annual convention of the American Pharmaceutical Association and its affiliated organizations will continue in session in the Hotel Statler, Detroit, for the week ending August 23. The convention, with Charles Hall Evans, president, presiding, was scheduled to formally open August 17.

Patent Bill Tightens Ban on Foreign Filings

OPD Washington Bureau
August 13, 1941

Applicants for patents in foreign countries must obtain a license from the Commissioner of Patents of the United States authorizing the filing of such an application in countries outside of the United States under the terms of a bill (H.R. 4784) passed this week by the senate. The measure previously had been approved by the house, but the adoption of an amendment by the senate will necessitate the return of the bill to the house.

The senate amendment provides that the penalty provision of the act shall apply to a violation of the act itself and not to a violation of regulations promulgated by the Commissioner of Patents, as was provided in the bill when it passed the house. The bill provides that a valid patent may not be issued in this country when the applicant has filed or permitted an application to be filed for the same invention in a foreign country without a license from the patent office.

Magnesium Plants Planned by DPC

OPD Washington Bureau
August 14, 1941

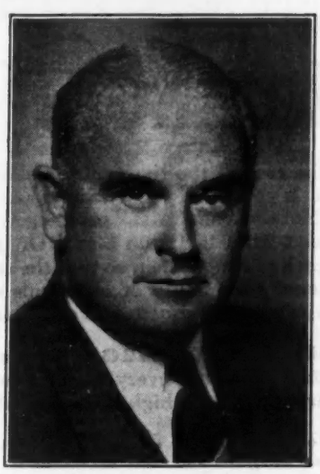
Three new plants for the production of metallic magnesium and other magnesium products for use in defense will be constructed by the Defense Plant Corporation, it was announced today by the Federal Loan Agency.

The plants will be located at Las Vegas, Mead, and Gabbs, Nevada, and will have a gross capacity of approximately 112,000,000 pounds of metallic magnesium annually. The plants and equipment will cost approximately $63,000,000.

An operating contract has been signed with Basic Magnesium, Inc., a subsidiary of Basic Refractories, Inc., Cleveland, Ohio. Prior to this year, Basic Refractories, Inc., was Basic Dolomite, Inc., incorporated in 1931. It is capitalized at $500,000 and had a funded debt of $261,750 as of April 17, 1941, and earned $178,714, plus $210,400 on Federal taxes, in the first half of this year.

Penick Medical Research Dept. Headed by Hogan

Dr. Howard Hogan has been appointed director of the medical research department of S. B. Penick & Co., botanical drugs, this city. The



Dr. Howard Hogan

department was created recently for the purpose of correlating and organizing the individual and collective medical research work of both North and South America in the field of natural materials of both botanical and zoological origin.

Dr. Hogan for the past three years was director of medical research for the Pyridium Corporation, of Nepera Park, N. Y. An important develop-

—*Continued on page 48*

Theelin Patent Suit Ended by Judgment

A civil action brought by the president and board of trustees of St. Louis University against Hospital Liquids, Inc., of New York, charging infringement of letters patent No. 1,967,350 covering the manufacture and sale of theelin and theelin preparations, was concluded recently. The plaintiffs and the defendant agreed to a consent judgment involving a cash settlement, the amount of which has not been made known.

The consent judgment was entered by Judge John P. Barnes in the United States District Court for the Northern District of Illinois. The consent judgment ordered and adjudged that the

—*Continued on page 48*

Export Control Adds More Derivatives

Brig. Gen. Russell L. Maxwell, Administrator of Export Control, today announced the issuance of Export Control Schedule No. 16, which adds the following commodity forms, conversions, and derivates already under export control. This schedule, which becomes effective August 27, affects the following:—

Aconite leaves and roots
Cadmium salts and compounds
Chromium tanning mixtures
Citric acid
Colchicum roots and seeds
Oxalic acid
Phenol-formaldehyde resins
Pyrethrum
Tricresyl phosphate
Triphenyl phosphate
Urea-formaldehyde resins.

Mercury Compounds

The Secretary of State announced today the issuance of general license No. GAM 63, authorizing the exportation of mercury compounds, not to include metallic mercury, to the Philippine Islands.

Bismuth, Casein to Britain

The Department of Commerce announced that Collectors of Customs have been advised that unlimited licenses have been issued to the British Purchasing Commission, authoriz-

—*Continued on page 60*

Export Control Data Revised Monthly

Pamphlets containing a comprehensive schedule of commodities and their forms, conversions, and derivatives subject to export control are to be issued monthly, Brig. Gen. Russell L. Maxwell, Administrator of Export Control, has announced.

The first issue of the publication now available contains more than 3,500 separate entries, the control of which has been announced previously in schedules 1 to 14, inclusive, and is designed as an invaluable aid to shippers, manufacturers, and others interested in export matters. Revised copies of the comprehensive schedule will be released on the first of each month in the future.

The administrator will continue to issue interim schedules as in the past, and these will be included in the monthly "comprehensives," it was stated. Excluded from the complete schedule are those commodities appearing in the recently published schedule Z, exportation of which is regulated with respect to shipments to firms and individuals listed on the "Proclaimed List of Blocked Nationals," as amended.

It is officially believed that exporters, shippers, and others interested in export control should make themselves thoroughly familiar with section IV of the pamphlet, which is devoted to general information. Familiarity with this information, it was pointed out, may save an exporter, or a manufacturer, time and money in conducting his business, inasmuch as observance of instructions therein contained would serve to expedite the processing of a necessary export license.

Export Clearance Section Established by Maxwell

OPD Washington Bureau
August 11, 1941

In announcing creation of a Clearance Section in his office, Brig. Gen. R. L. Maxwell, Administrator of Export Control, said that a central point has been established through which an exporter or manufacturer of the United States, or a foreign importer, may submit export proposals on articles and materials deemed essential to the economic life of friendly countries. All interested government agencies are consulted in connection with the proposals submitted, and their approval or rejection obtained with a minimum of delay.

It was emphasized that direct contacts between foreign governments and this country in matters concerning exports are handled by the De-

—*Continued on page 60*

STANDARD UNCHANGED

Kilogram No. 20, the National Standard of Mass, furnished by the International Bureau of Weights and Measures in 1875 and now located at the National Bureau of Standards, Washington, D. C. After more than 60 years, this United States standard has changed by only one part in 50,000,000.

MALLINCKRODT A. R. CHEMICALS

As in the case of the National Standard of Mass, Mallinckrodt Analytical Reagent Chemicals can be depended upon for unvarying precision in your laboratories. Each Mallinckrodt A.R. product is painstakingly refined to predetermined standards. The Maximum Limits Of Impurities appear both in the catalogue and upon each package label, so that the analyst has not only the advantage of knowing in advance the quality of chemicals which will be supplied, but also of being able to secure subsequent lots of the same high degree of purity.

LABORATORY CONTROL: Throughout the manufacture of Mallinckrodt Analytical Reagents every process is strictly laboratory controlled to insure a final product of the highest degree of purity.

Send for a catalogue of Mallinckrodt Analytical Reagents and other chemicals for laboratory use. It contains detailed descriptions of chemicals for every type of analytical work . . . gravimetric, gasometric, colorimetric or titrimetric.

Mallinckrodt A. R. chemicals are available from stocks of laboratory supply firms upon specification.

Specify MALLINCKRODT ANALYTICAL REAGENTS in manufacturer's original packages.

Bottle or Barrel
Mallinckrodt Spells Quality

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Mallinckrodt Street
St. Louis, Mo.

74 Gold Street
New York, N. Y.

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Current Market Quotations

August 15, 1941

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, arabic).

Acetal, cbys., works.....lb. 1.00 - 1.50

Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works..lb. .14 - —

Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29

USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb lots.....lb. .33 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2-000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs, 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —

Acetoacetanilide, dms.....lb. .47 - .65

Acetone, CP, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
tanks, dlvd.....lb. .07 - —
Methyl (see M)

Acetonitrile, dms., works.....lb. 1.00 - 2.00

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs., dms.....lb. 1.08 - —
25 lbs., dms.....lb. 1.10 - —

Acid, abietic, dms., c.l., f.o.b. all points in U.S. E. of and including Kans., Neb., N.D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - .12

Acetic, com'l or redist., 28%, bbls..100 lbs. 3.18 - 3.43
cbys., cs.....100 lbs. 3.68 - 3.93
56%, bbls.....100 lbs. 5.18 - 5.43
cbys., cs.....100 lbs. 5.68 - 5.93
70%, bbls.....100 lbs. 6.19 - 6.44
cbys., cs.....100 lbs. 6.69 - 6.94
80%, bbls.....100 lbs. 6.91 - 7.16
cbys., cs.....100 lbs. 7.41 - 7.66
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 8.30 - 8.55
cbys. .....100 lbs. 8.80 - 9.05
tanks .....100 lbs. 7.50 Nom.
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
tanks .....100 lbs. 6.50 - —
USP XI, al. dms..100 lbs.10.25 -11.00
CP, dms.....100 lbs.13.50 -14.00
pure, 30%, bbls.....100 lbs. 4.23 - 4.48
cbys., cs.....100 lbs. 4.73 - 4.98
36%, bbls.....100 lbs. 4.61 - 4.86
cbys., cs.....100 lbs. 5.11 - 5.36
60%, bbls.....100 lbs. 7.17 - 7.42
cbys., cs.....100 lbs. 7.67 - 7.92
80%, bbls.....100 lbs. 8.70 - 8.95
cbys., cs.....100 lbs. 9.20 - 9.45

Acetic acid price differentials above are for c.l. and l.c.l. quantities, the prices apply delivered within the Metropolitan zones of stock carrying points, and f.o.b. these points for shipment beyond.

Acetic, anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., dms., frt. alld.....lb. .13 - —

Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls. lb. .40 - —

Adipic, fib. dms., works.....lb. .31 - —

Anthranilic, refd., bbls.....lb. 1.15 - 1.20

tech., bbls.....lb. .75 - —

Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22

Ascorbic, bots., dms.....oz. 1.85 - 2.10

Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works. 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

USP, bbls., 4,000 lbs. or more. lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
99 lbs. or less.....lb. .59 - .60

Boric, tech., 99.5%, gran., bulk. frt. alld..ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex-whse...ton.108.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld...ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse..ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld...ton.111.00 - —
ton lots, ex whse..ton.123.00 - —
less than ton lots, ex whse..ton.128.00 - —
USP, $25 per ton higher.

Acid, butyric, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Broenner's, bbls.....lb. 1.11 - —

Camphoric, cns.....lb. 6.93 - 7.00

Capric, dms.....lb. .19½- .20

Caproic, dms., works.....lb. .25 - .30

Caprylic, dms.....lb. .27 Nom.

Castor oil, split, dms.....lb. .17½- .18

Chlorosulphonic, dms., c.l., wks. lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —

Chromic, 99%, dms., c.l., dlvd. N.Y..lb. .16¼- —
l.c.l., 5 tons, dlvd. N.Y. lb. .16¾- —
smaller quantities, dlvd. N.Y..lb. .17¼- .18¼

Cinnamic, refd., bots.....lb. 2.85 - 3.25

Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20¼- —
smaller lots.....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., one shipt..lb. .23 - —
smaller lots.....lb. .23¼- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y. Chicago and St. Louis deliveries are ½c. higher than N.Y.

Cleve's, bbls.....lb. .65 - —
Coconut oil, dist., dms.....lb. .16½- .17
Cottonseed oil, dist., dms....lb. .13¾- .14¼
tanks .....lb. .13¼- —

Cresylic (coaltar), high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
special blends (50, 210°-215°), dms., c.l., works frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
imported, pale, dms...gal. .90 Nom.

Cresylic (petroleum), high-boil (240°-300°), non-return, dms., c.l., works, East. U.S...gal. .58 - —
l.c.l., same basis.....gal. .59 - .60
tanks, dlvd., East. U.S.gal. .54 - —
medium-boil (222°-249°), non-return dms., c.l., works, East. U.S..gal. .64 - —
l.c.l., same basis....gal. .65 - .66
tanks, dlvd., East. U.S.gal. .60 - —

Diethylbarbituric (see Barbital).

Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 cbys. and over..lb. .11 - —
1-24 cbys.....lb. .11½- —

Fumaric, tech., special, bbls., ton lots..lb. .27 - —
smaller lots, bbls., dms...lb. .28 - —

Gallic, tech., bbls.....lb. 1.05 - 1.08
NF VI, bbls., 200 lbs., 5 or more..lb. 1.22 - —
smaller lots.....lb. 1.25 - —
fib. dms., 25 lbs.....lb. 1.29 - —

Gamma, bbls.....lb. .85 - —

Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs.....lb. .15 - —
25 or 50-lb. demij.....lb. .21 - .23
5-lb. bots.....lb. .29 - —

H, bbls.....lb. .45 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.47%, cbys.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —

Hydrobromic, 10% dilute, cbys., lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —

Hydrochloric (see Muriatic)

Hydrocyanic, cyls., works....lb. .80 - 1.00

Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber, dms.....lb. .08 - .08½
48%, lead, cbys.....lb. .12 - —
rubber, dms.....lb. .11 - —
52%, lead, cbys.....lb. .13 - —
rubber, dms.....lb. .12 - —
60%, lead, cbys.....lb. .14 - —
rubber, dms.....lb. .13 - —

Hydrofluosilic, 30-35%, 420 lbs., bbls..lb. .09 - .09¼
Hypophosphorus, U S P, 30%, djns..lb. .75 - .80

Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - —
cbys., works...100 lbs. 3.75 - —
44%, bbls., c.l., works.... 100 lbs. 5.50 - —
l.c.l., bbls., works.... 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., works.....100 lbs. 3.75 - —
cbys., works...100 lbs. 4.75 - —
44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works.....100 lbs. 6.75 - —
cbys., works...100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10½- .11¼
5 to 19 cbys.....lb. .11 - .12
1 to 4 cbys.....lb. .11¼- .12½
plastic grade, bbls., cbys. 20 or more..lb. .12¼- .13¼
5 to 10, cbys.....lb. .12¾- .13¾
1 to 4, cbys.....lb. .13¾- .14¼
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys.....lb. .21¼- .22½

Acid, lactic, USP, XI, 85%, cbys. lb. .42 - .45
USP. VIII, 75%, cbys.....lb. .40 - .43
Lauric, dist., tech., dms....lb. .18 - .18½
Laurent's, bbls.....lb. .45 - —
Linseed oil, light, dms.....lb. .17 - .17½
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.15
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kegs, works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works. 100 lbs. 1.75 - —
l.c.l., 25 and over, works. 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works. 100 lbs. 2.25 - —
l.c.l., 25 and over, works. 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
CP, dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .19 - —
Myristic, dist., dms.....lb. .18½- .19
Naphthenic, dom., acidity 160 dms., c.l., works..lb. .06½ Nom.
l.c.l., works.....lb. .07 Nom.
tanks, works.....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works.....lb. .09½ Nom.
tanks, c.l., works...lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., works.....lb. .10½ Nom.
tanks, works.....lb. No prices
Nicotinic, 100-lb. cns.....lb. 7.13 - —
50-lb. cns.....lb. 7.25 - —
25-lb. cns.....lb. 7.30 - —
5-lb. bots.....lb. 7.46 - —
1-lb. bots.....lb. 7.50 - —
Nitric, 36°, cbys., c.l., E. works. 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over. E. works...100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
CP, USP, dealers, cbys....lb. .11½- —
7-lb. bots.....lb. .21½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .23 - —

Oleum (see sulphuric fuming).

Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs. or over....lb. .11 - —
smaller quantities.....lb. .12 - .14

Palm oil, white, dist., dms..lb. .12½- .13
tanks .....lb. .12 - —

Paraminobenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Phenylacetic, bots.....lb. 1.45 - 1.95

Phosphoric, 50%, pure food grade, c.l., bbls., works, frt. equald.... 100 lbs. 4.25 - —
cbys., works, frt. equald. 100 lbs. 4.60 - —
l.c.l., 10 or more, works, frt. alld.100 lbs. 5.50 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.50 - 7.25
tankwagons, dlvd., N.Y., Phila, Met. area..... 100 lbs. 4.00 - —
75% pure food grade, c.l., bbls., works, frt. equald..100-lbs. 5.00 - —
cbys., works, frt. equald. 100 lbs. 5.35 - —
l.c.l., 10 or more, works, frt. alld.100 lbs. 7.25 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.25 - 9.50
tankcars, works, frt. equald..100 lbs. 4.25 - —
tankwagons, dlvd., N.Y., Phila, Met. area..... 100 lbs. 4.75 - —

USP, 85%, s. g., 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347, cbys., 70 lbs..lb. .10½- —
dms., 25 lbs.....lb. .13 - —
10%, dilut., cbys., djns...lb. .07 - .07½

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Acid, propionate, synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works.....lb. .11 - —

Pyrogallic, tech., lump, powd., bbls..lb. 1.35 - —
cns. .....lb. 1.53 - —
USP, cryst., cns.....lb. 2.00 - —
resub., cns.....lb. 2.50 - —

Pyrolignseous, bbls., dlvd. E.gal. .25 - —

Ricinoleic, com'l. split (see Acid, castor oil, split), tech., dms., works.....lb. .32 - .37

Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .38

Sebasic, CP, bbls., works...lb. No prices
tech., bbls., works.....lb. No prices

Soybean oil, dist., dms.....lb. .16½- .17

Stearic, dist., double pressed, bgs., dlvd..lb. .13¾- .14¾
single pressed, bgs., dlvd..lb. .13¼- .14¼
triple pressed, bga., dlvd...lb. .16½- .17½
saponif., double pressed, bgs., dlvd..lb. .14 - .15
triple pressed, bgs., dlvd..lb. .16¾- .17¾

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —

Sulphonaphthenic, dms.....lb. .04 - .10

Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E., works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06¾- —
9-lb. bots.....lb. .15½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
Tannic, tch., bbls., dms....lb. .66 - .68
USP, fluffy, bbls., 1,000-lb. lots..lo. 1.13 - —
100-lb. lots.....lb. 1.35 - —
25-lb. iots.....lb. 1.18 - —
powd., bbls., 1,000 lbs....lb. 1.03 - —
smaller lots.....lb. 1.05 - —

Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt...lb. .63½- —
smaller quantities.....lb. .64 - —
kgs. .....lb. .64½- —

Tobias, bbls.....lb. .55 - .60

Trichloracetic, bots.....lb. 2.00 - 2.50

Tungstic, CP, kgs., works...lb. No prices

Aconite, leaves, bls.....lb. .38 - .42

Root, bls.....lb. 1.10 - 1.15

Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 - —
15-gr. vials.....vial. 1.60 - —

Acrylonitrile, dms., c.l.....lb. .34½- —
5,000 lbs. or more.....lb. .35 - —
1 ton to 4,999 lbs.....lb. .35½- —
1 dm. to 1 ton.....lb. .36 - —
tank cars.....lb. .34 - —

Adeps lanae, anhyd., dms.....lb. .19 - .20
hyd., dms.....lb. .17 - .18

Agar, 1 bls.....lb. 2.00 Nom.

Agaric, white, bls.....lb. No stocks

Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis.lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .60 - .70
import. bgs.....lb. No prices

Egg, ed., dom., cryst., bbls..lb. 1.60 - 1.70
powd., dms., bbls.....lb. 1.65 - 1.70
import, cs.....lb. No prices

Alcohol, amyl (see also Fusel oil, refd.), sz pentane, dms., c.l., frt. alld..lb. .131 - —
l.c.l., frt. alld..lb. .141 - —
tanks, frt. alld.....lb. .121 - —
normal, dms., l.c.l., works..lb. .25 - —
Tertiary, refd., dms., l.c.l., frt. alld..lb. .09 - —
Benzyl, cns.....lb. .65 - .75
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .11 - —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .10 - —
tankwagon, frt. alld.....lb. .09½- .10⅛
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .09 - —
l.c.l., same terms.....lb. .09¼- —
tanks, same terms.....lb. .08 - —
tertiary, denaturing, c.l., dms. lb. .12½- —
l.c.l., dms.....lb. .13 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
Cinnamic, bots.....lb. 2.80 - 3.40
Denatured, CD14, dms., c.l., dlvd. E...gal. .36½- .38½
l.c.l., dlvd., dms.....gal. .41½- .43½
tanks, E., dlvd.....gal. .30½- .32½

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit

Alcohol—Benzophenone

Alcohol, SD1 190 pf., bbls., c.l., E. works..gal. .35 - —
19 bbls., E. works...gal. .37 - —
1 to 18 bbls., E. works..gal. .40 - —
dms., c.l., E. works...gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms.....gal. .38 - —
tanks, E. works.....gal. .27 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., works, E. gal. .30½- —
19 dms., works, E...gal. .32½- —
1 to 18 dms., works, E. gal. .35½- —
tanks, E. works.....gal. .24½- —
SD23G, works, E., c.l., dms., gal. .36½- —
19 dms.....gal. .38½- —
1 to 18 dms.....gal. .41½- —
tanks .....gal. .30½- —
Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in drums, higher.
Special solvent, dms., c.l., works..gal. .34 - —
20 dms., to c.l.....gal. .36 - —
1 to 19 dms.....gal. .39 - —
tanks, E. works.....gal. .28 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, acetone-free, dms., c.l., divd..lb. .11½- .12
l.c.l., divd.....lb. .12 - .12½
tanks, divd.....lb. .10½- .11
tech., dms., c.l., divd.....lb. .11 - —
l.c.l., divd.....lb. .11½- —
tanks, divd.....lb. .10 - —
Ethyl, 190 pf., ex. molasses, dms., c.l..gal. 6.02½- —
19 dms.....gal. 6.06 - —
5 to 8 dms.....gal. 6.09 - —
1 to 4 dms.....gal. 6.09 - —
tanks .....gal. 5.96½- —
absolute, dms., c.l.....gal. 6.37½- —
19 dms.....gal. 6.41 - —
5 to 18 dms.....gal. 6.44 - —
1 to 4 dms.....gal. 6.44 - —
Ethyl alcohol in bbls. 2c. higher than dms.
Grain alcohol 25c. gal. higher.
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., same basis.....lb. .28 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl, refd., dms., works..lb. .0680- —
tanks, same terms.....lb. .0760- —
Isopropyl, refd., 91%, dms., 5 gals., f.o.b. dest..gal. .66½- —
55 gals., c.l., same basis, gal. .35 - —
l.c.l., same basis...gal. .40 - —
tanks, frt. alld.....gal. .30 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .38 - .44
l.c.l., same basis...gal. .43 - .47
tanks, same basis.....gal. .33 - .37½
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvenyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .69 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .67 - .70
Octyl (see ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N.Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
cns., f.o.b. Cedar Rapids, Ia., lb. .53 - —
Aldehol, denat., grade., dms., tanks, works..gal. .70 - .72
Aldehyde, bisulphite, bbls., works, lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 55 and 110 gal. dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - —
5-10-gal. dms., works...lb. .15 - —
aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .67 - .69
Allspice, Mexican, bgs.....lb. .13 - .13½
Alpha tocopherol, ampules, per gram. 1.00 - 1.10
Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .68 - .70
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .58 - .60
Aloin, 140-lb. bbls.....lb. 4.60 - —
100-lb. kgs.....lb. 4.62 - —
25-lb. fib. dms.....lb. 4.69 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. 1.20 Nom.
Alum, ammonia, burnt, USP., bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
divd., N. Y., Phil...100 lbs. 3.50 - —
lump, bbls., works.....100 lbs. 3.75 - —
divd., N. Y., Phil...100 lbs. 3.75 - —
powd., bbls., works...100 lbs. 3.90 - —
divd., N. Y., Phil..100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metropolitan zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, divd., N.Y. price apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.75 - —
divd. N. Y., Phila...100 lbs. 3.75 - —
lump, bbls., works.....100 lbs. 4.00 - —
divd., N. Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
divd. N. Y., Phila..100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.
Potash, chrome, bbls.....lb. No prices
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd.....100-lbs. 4.25 - 5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 1 to 9, divd.....lb. .40 - —
smaller containers...lb. .50 - —
Alumina acetate, solut., 24%, l.c.l., 10 or over, divd. lb. .09½- —
1 to 9 divd.....lb. .10 - —
normal, solut., 20%, bbls., l.c.l., 10 or over., divd. lb. .08½- —
1 to 9, divd.....lb. .09 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 375 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., divd..lb. .13 - —
l.c.l. divd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., divd.....lb. .14 - —
l.c.l., bgs., divd.....lb. .14½- —
bbls., c.l., divd.....lb. .14½- —
l.c.l., bbls., divd.....lb. .15 - —
Oleate, dms., contract.....lb. .17¾- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., divd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .21 - —
l.c.l. .....lb. .22 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., works, frt. equaled. 100 lbs. 1.60 - —
iron free, bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
bbls., c.l., works....100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.30 - —
Aluminum, 98-99%, c.l.....lb. .17 - —
l.c.l. .....lb. .18 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .60½- —
ink, dms., 1,500 lbs.....lb. .70½- —
standard, dms., 1,500 lbs...lb. .37½- —
powder, lining, extra fine, dms., 1,500 lbs..lb. .91 - —
standard, dms., 1,500 lbs..lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .39 - —
rubber compound, dms., 1,500 lbs..lb. .38 - —
unpolished, dms., 1,500 lbs. lb. .36 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .41 - —
extra fine, dms., 1,500 lbs.lb. .43 - —
standard, dms., 1,500 lbs..lb. .38 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c, per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz.17.00 -18.00
Aminomethylpropanol, dms., wks., lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —
Ammonia aldehyde, dms., works, lb. .65 - .70
Anhydrous, fertilizer, f. o. b. Belle, W. Va., frt. equal with Hopewell, Va..ton.90.00 - —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., divd., met. N.Y., lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —
Benzoate, dms., kgs., 4,000 lbs. or more..lb. .43 - —
1,000 lbs. to 3,900 lbs....lb. .44 - —
900 lbs. or less.....lb. .47 - —
Bicarbonate, dms., divd. Met. N.Y..lb. .0564- .0614
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .15½- .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - —
bxs. .....lb. .34 - .35
kegs .....lb. .32 - —
Carbonate, lump, dms., divd. Met. N. Y..lb. .08¼- .09¼
cns., same basis.....lb. .14¼- —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
25-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .20 Nom.
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., works.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .25
pure gran.....lb. .27 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs., dom.....lb. .21 - .29
Ammonia, phosphate, dibasic, NF V, bls..lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works..unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08¾- .09¼
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .11½- .15
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., contr., f.o.b. cars, ports, July-Dec. shipt..ton.29.00 - —
spot, same basis.....ton.30.00 - —
Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.
Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., works, lb. .07½- —
l.c.l., divd.....lb. .15 - —
tanks, divd.....lb. .07½- —
red, 48%, cbys, works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys, works..lb. .06 - —
dms., works.....lb. .06 - —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.15 - —
import, csks.....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., divd..lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .11½- —
cns., works.....lb. .18 - —
ex Pentane, dms., c.l., frt. alld..lb. .12½- —
l.c.l., frt. alld.....lb. .13½- —
tanks, frt. alld.....lb. .11½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chlorides, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .06 - —
l.c.l., works.....lb. .07 - —
tanks, works.....lb. .05 - —
Naphthalenes, mixed, crude, l.c.l., dms., works..lb. .14 - —
refd., l.c.l., dms., works..lb. .16 - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, 5-lb. bots.....lb. .63 - .65
cns. .....lb. .55 - .60
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.20 - 1.25
cans .....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .35 - .50
import., natural, bls.....lb. 1.60 - 1.65
twisted, bls.....lb. 1.95 - 2.00
Angosturo bark, bls.....lb. .30 - .35
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .37 - .38
Cyprus, bgs.....lb. .40 - .42
Star .....lb. .20 - .20½
Turkish, afloat, bgs.....lb. .35 - .36
Anisic aldehyde, bots.....lb. 2.60 - 2.75
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06 - .06½
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., works.....lb. .65 - —
lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, brown, Bolivian, 67%, lb. .17 - .18
Chinese, black, 70%.....lb. .22 Nom.
Oxide, bgs., c.l., divd.....lb. .13 - .15
l.c.l., divd.....lb. .14½- .16½
Salt, 65%, dms., divd. E. of Miss. River..lb. .30 - —
bbls., same basis.....lb. .28 - —
White pigment, bgs.....lb. .11½- .14½
Antipyrene, bbls., kgs., ton lots. lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .16 - .17
Arecoline hydrobromide, bots..oz. 6.00 - 7.25
Argols, test 70% to 85%, basis 100%, 100 kgm., purity.... 100 kilos. No prices
Arnica flowers, bls.....lb. 5.00 Nom.
Root, bls.....lb. 1.50 Nom.
Arrowroot, St. Vincent, powd., bgs..lb. .10¼- .10¾
bbls. .....lb. .10 - .10½
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns...lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .60
powd., bbls., bxs.....lb. .68 - .73
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.60 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.15.00 - —
Asphaltum, Manjak No. 10, crude, 20 tons, f.o.b. plant..lb. .04½- —
smaller lots, f.o.b. plant. lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant..lb. .05 - —
smaller lots, f.o.b. plant. lb. .06 - —
Asphaltum, California, dms., c.l., f.o.b. N. Y..ton.20.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, selects, bgs., c.l., Western shipt. point..ton.32.00 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.58.00 - —
jet, bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .12 - —
dms., c.l., E. cst., refinery. gal. .12 - —
tanks, Calif., refinery..ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans, refinery...gal. .06 - —
Atropine, bots.....oz.16.50 - —
Sulphate, bots.....oz.12.75 - —

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .55 - .60
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.47.50 - —
l.c.l., works.....ton.52.50 - —
bbls., c.l., works.....ton.52.50 - —
l.c.l., works.....ton.57.50 - —
Sulphur-free, c.l., works..ton.50.00 - —
l.c.l., works.....ton.55.00 - —
Chlorate, kgs.....lb. No prices
Chloride, CP, cryst., bbls.....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., dom., cryst., bgs., c.l., Zone 1, divd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton.77.00 - —
bbls., same basis...ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., divd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.60 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., divd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .09½- .10¼
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .12 - .16
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis, ton.22.85 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York...ton.31.50 - —
Southern, off color, bgs., mines, ton.16.00 - —
95.75%, bgs., mines.....ton.16.50 - —
ore, bulk, mines.....ton. 8.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
ungrd., bulk, c.l., ex dock.ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay Rum, tax extra, import, bbls..gal. .77½- .78½
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. 2.40 - 2.45
Root, bls.....lb. 2.40 Nom.
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .45 - .55
N.F. VI, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.00 - —
Benzol, 90%, dms., returnable, works..gal. .19 - —
tankcars, frt. alld. E. of Omaha, gal. .14 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .14 - —
Benzophenone, dms.....lb. 1.00 - 1.10

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MEET a man who has to take chances—the man behind the wheel of a racing car. A bullet on wheels zooming down the straightaway . . . careening at terrific speed around curves . . . disaster, missed by inches!

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CLOSURES

AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Benzoyl Chloride—Cellulose

Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .32 - .55
dms.....lb. .48 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .85 - 1.10
dms.....lb. .90 - —
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.25 - 5.50
Formate, cns.....lb. 2.40 - 2.75
Isoeugenol, bots.....lb. 9.55 - —
Propionate, bots.....lb. 2.00 - 2.25
Salicylate, bots.....lb 1.65 - 1.75
Benzylidineacetone, bots.....lb. 2.20 - 2.50
Berberine bisulphate, cns.....lb.17.75 -27.50
Hydrochloride, cns.....lb.17.75 -27.50
Sulphate, cns.....lb.17.75 -27.50
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs....lb. .55 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.50 - —
kgs.....lb. .51 - —
Betanaphthylamine, tech., kgs..lb. .19 - .21
Beth root, bls.....lb. 3.00 - —
Bismuth chloride, 5-lb. bots...lb. 2.85 - —
jars.....lb. 4.24 - —
Citrate, USP, VIII, 5-lb. bots. lb. 2.86 - —
jars.....lb. 2.75 - —
Hydroxide, 5-lb. bots.....lb. 3.40 - —
cns.....lb. 3.85 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots....lb. 1.45 - —
cns.....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, bots., cns.....lb. 1.59 - 1.85
175-lb. bbls.....lb. 1.50 - —
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, bots., cns.....lb. 1.49 - 1.72
fib. dms.....lb. 1.40 - —
Metal, powd.....lb. 4.24 - —
Bismuth, subiodide, bots.....lb. 4.13 - —
fib. dms.....lb. 1.29 - 1.37
Subnitrate, powd., bots., cns.lb. 1.20 - —
250-lb. bbls.....lb. 1.20 - —
Subsalicylate, 60-66%, bots...lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.76 - —
fib. dms.....lb. 3.65 - —
Trioxide, powd., 5-lb. bots...lb. 3.76 - —
cns.....lb. 3.65 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, c.l.....lb. .17 - —
l.c.l.....lb. .17½ - —
3, c.l.....lb. .12 - —
l.c.l.....lb. .12½ - —
4, c.l.....lb. .11 - —
l.c.l.....lb. .11½ - —
5, c.l.....lb. .08½ - —
l.c.l.....lb. .09 - —
6, c.l.....lb. .08½ - —
l.c.l.....lb. .09 - —
7, c.l.....lb. .11½ - —
l.c.l.....lb. .12 - —
8, c.l.....lb. .12½ - —
l.c.l.....lb. .13 - —
Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03425- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07½- —
dlvd.....lb. .07½- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .03350- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07 - —
dlvd.....lb. .07 - —
bulk, cars, c.l., f.o.b. plants, lb. .03150- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Mineral, vine type, bbls., l.c.l., f.o.b. works..lb. .0434- —
Vine, A, bbls., works or N. Y., lb. .04½ Nom.
B, bbls., works or N. Y..lb. .05⅝ Nom.
works..lb. .14 Nom.
dms., c.l., frt. alld.....lb. .00½ Nom.
Black dyes are listed under Dyes.
Black Haw root bark, bls.....lb. .40 - .45
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .23
Blanc fixe, dry, by-product, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
direct process, bgs., c.l., works, frt. equaled..ton.70.00 - —
l.c.l., same basis.....ton.75.00 -90.00
pulp, 66⅔%, bbls., c.l., works, ton.35.00 - —
l.c.l., works.....ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.50 - —
high-grade, grd., 16-17 ammon, bulk, f.o.b. Chicago, unit-ton. 3.60 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 3.25 - —
soluble (see Albumen, blood).
Bloodroot, bls.....lb. .17 - .18
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .80 - .85
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph: 1c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Blue, bronze, bbls., same basis, contracts..lb. .33 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .33 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 5.75
Milori, bbls., same basis, contracts..lb. .33 - —
Molybdated, Victoria, same basis, contracts..lb. 3.15 - —
Peacock, concentrated, same basis, contracts..lb. .52 - —
regular, same basis, contracts, lb. .35 - —
Potash, dom., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .33 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.50 - —
methyl violet, kgs.....lb. 2.10 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis, alkali toner..lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Blue dyes are listed under Dyes.
Blue mass, USP, cns., tubs....lb. 1.67 - 1.84
powd., bots., cns., dms....lb. 1.70 - 1.84
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.37.50 - —
import, bgs., c.i.f. ports..ton.38.50 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.37.00 - —
import, bgs., c.i.f. ports..ton.37.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.40.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.42.00 - —
Boneset leaves, bls.....lb. .08½- .09
Borage flowers, bls.....lb. .45 - .46
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.40.50 - —
bgs., c.l., frt. alld....ton.43.00 - —
ton lots, ex whse....ton.54.00 - —
tech., 99½%, gran., bgs., less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld....ton.53.00 - —
ton lots, ex whse....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —
powd., bgs., c.l., frt. alld. ton.48.00 - —
ton lots, ex whse....ton.59.00 - —
less than ton lots, ex whse..ton.64.00 - —
bbls., c.l., frt. alld....ton.58.00 - —
ton lots, ex whse....ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½ - —
Bordeaux mixture prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - —
single pkg., same basis..lb. .30 - —
Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys.....lb. 1.42 - —
Bromostyrol.....lb. 3.25 - 4.00
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls.....lb. .15 - .16
Brown, iron oxide, pure precip., cks., f.o.b. N. Y..lb. .12 - —
Metallic, iron oxide, bbls., wks., lb. .02⅜- —
paper bgs., c.l., works.....lb. .0260- —
Sap, crystals, dom., works...lb. .12 - —
powdered.....lb. .13 - —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- —
Italian, Group 1, bbls., f.o.b. N. Y. or Ph. points..lb. .13½ Nom.
2 bbls., same basis....lb. .12½ Nom.
Italian, group 3, bbls., same basis..lb. .11½ Nom.
4, bbls., same basis....lb. .10 Nom.
5, bbls., same basis....lb. .10 Nom.
6, bbls., same basis....lb. .09½ Nom.
7, bbls., same basis....lb. .09¼ Nom.
8, bbls., same basis....lb. .09 Nom.
9, bbls., same basis....lb. .08½ Nom.
10, bbls., same basis....lb. .08½ Nom.
11, bbls., same basis....lb. .08 Nom.
12, bbls., same basis....lb. .07½ Nom.
13, bbls., same basis....lb. .07¼ Nom.
14, bbls., same basis....lb. .06¾ Nom.
raw, American, bbls., f.o.b. works..lb. .03¼- —
Italian, Group 1, bbls., f.o.b. N. Y. or works..lb. .13¾ Nom.
2, bbls., same basis....lb. .12½ Nom.
3, bbls., same basis....lb. .12⅜ Nom.
4, bbls., same basis....lb. .10¾ nom.
5, bbls., same basis....lb. .10⅜ Nom.
6, bbls., same basis....lb. .09⅝ Nom.
7, bbls., same basis....lb. .10 Nom.
8, bbls., same basis....lb. .08½ Nom.
9, bbls., same basis....lb. .08 Nom.
10, bbls., same basis....lb. .07¼ Nom.
11, bbls., same basis....lb. .06½ Nom.
Umber, American, bbls., works, lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y..lb. .05 - —
St. Louis.....lb. .05½- —
ex car Los Angeles....lb. .05¾- —
Portland, San Francisco, Seattle....lb. .05¾- —
ex whse. Los Angeles..lb. .06½- —
Portland, San Francisco, Seattle..lb. .06 - —
Boston.....lb. .05 - —
Brown, umber, Turkey, bbls., ex whse., Chicago, Indianapolis, New Orleans....lb. .05½- —
Kansas City.....lb. .06 - —
Minneapolis.....lb. .0560- —
Pittsburgh.....lb. .05¼- —
Vandyke, regular, bbls., l.c.l., works..lb. .09 - —
special.....lb. .12 - —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .28 - .30
Buchu leaves, bls.....lb. .60 - .61
Buckthorn bark, true, bls....lb. .75 - .80
cut and sifted, bbls.....lb. .75 - .80
Berries, bgs.....lb. .35 - .40
Burdock root, bls.....lb. .40 - .45
Burgundy pitch, dom., dms...lb. .06 - .06½
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., frt. alld..lb. .11 - —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .10 - —
tankwagons, frt. alld...lb. .10½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .09 - —
dms., l.c.l., same terms.lb. .09½- —
tanks, same terms.....lb. .08 - —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l.....works..lb. .23 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks.....lb. .15½- —
Stearate, dms.....lb. .32½- —
Butyric ether, bots.....gal. 6.50 - 6.86
cns., works.....lb. .63 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .02

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.65 - —
single jars.....lb. 1.70 - —
5-lb. bots.....lb. 1.84 - —
Cyanide, 25-lb. bots., dlvd...lb. 3.00 - —
25-lb. cks., dlvd.....lb. 3.50 - —
Iodide, 5-lb. bots.....lb. 4.23 - —
25-lb. cans.....lb. 4.09 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .95 Nom.
ingots or sticks.....lb. .90 Nom
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine, 10,000 lbs. or more, 100 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms, lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lbs. cns.....lb. 2.70 - —
1,000 lbs. or more, 100-lb. dms., lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. cns.....lb. 2.75 - —
100 lbs. or more, 100-lb. dms.lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10-lb. cns, lb. 3.15 - —
Citrated, bots.....lb. 2.30 Nom
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs., lb. .85 Nom
bleached, bls.....lb. No stocks
dom., natural, bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd., 100 lbs. 3.00 -
Arsenate, bgs., c.l.....lb. .06½- .07½
l.c.l.....lb. .06¾- .07¾
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., dlvd. 100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse. 100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, paper bgs., 77-80%, c.l., dlvd., ton 20.50 - 35.00
l.c.l., 1 ton or more, dlvd., 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, wks., ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.19.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.53 - 2.25
Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, and drums $3.50 per ton over paper bags.
Gluconate, USP, gran., 150-lb. bbls..lb. .50 - —
dms.....lb. .55 - .57
cns.....lb. .66 - .85
Powd., 2c. per lb. higher.
Glycerophosphate, fib. dms.... 1,000-lb. lots..lb. 1.25 - —
100-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
Hypophosphate, cns.....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .24 - .25
Mandelate, dense, dms.....lb. 2.05 - —
fluffy, dms.....lb. 2.05 - —
Nitrate, fertilizer grade, bgs., to fert. mfrs., ex easel Atlantic or Gulf ports..ton. No prices
tech., bbls., ton lots, works, lb. .12½- —
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt..unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0625- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .24 - —
l.c.l., ton.....lb. .25 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works, 100 lbs. 1.25 - —
Sulphocarbolate, 200-lb. bbls..lb. .48 - .50
Calendula flowers, bls.....lb. .85 - .90
Calomel, bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs....lb. 1.15 Nom.
slabs, cs.....lb. 1.15 Nom.
tablets, tins.....lb. 1.20 Nom.
Synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works....lb. .41 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots....lb. .73 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.06
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs...lb. .04 - .04¾
Morocco, bgs.....lb. .0550- .0580
Turkish, bgs.....lb. No stocks
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 3.00 - 3.05
powd., bxs.....lb. 3.25 - 3.30
Capsicum (see Pepper, red).
Caraway, Dutch, bgs.....lb. .83 - .85
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, c.l., dms., frt. alld..lb. .225 - —
l.c.l., same basis.....lb. .235 - —
tanks, same basis.....lb. .215 - —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05⅝- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08⅝
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .78 - —
l.c.l., frt. alld.....gal. .90 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l.....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l.....gal. 1.17 - —
All prices on carbon tetrachloride are frt alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.45 - 1.60
decorticated, cs.....lb. 1.20 - 1.30
green, Ceylon, afloat, bgs....lb. 1.30 - 1.50
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .18 - .19
Case-hardening mixture, 30% dump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .24 - .25½
5 tons, works.....lb. .24¼- .25¾
smaller lots, works....lb. .24½- .26
80-100 mesh, works.....lb. .24½- .26
5 tons, works.....lb. .24¾- .26¼
smaller lots, works....lb. .25 - .26½
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .23 - .24
80-100 mesh, bgs., c.l., duty paid..lb. .23½- .24½
French, 30 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls..lb. .21¼- .22
No. 1, regular, bls.....lb. .20½- .21
shortstick, bls.....lb. .18 - .18½
broken, bls.....lb. .16 - .16½
China, buds, bgs.....lb. .17½- .18
Rolls, select, bls.....lb. .16½- .17
broken, extra, bls.....lb. .15½- .16
Saigon, No. 1, 4-10-4, bls....lb. .32½- .33
10-4-2, bls.....lb. .34 - .36
all thin, bls.....lb. .36 - .37
Cassia fistula, bakts.....lb. .22 - .24
Castoreum, nat., cns.....lb.12.50 -15.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, ship't, c.&f., N. Y..long ton.68.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.15.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .87 - .89
Indian.....lb. .64 - .66
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld., lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld., lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works....lb. .44 - —
medium (10-10.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
acetate-propionate, high (20-40% propionyl content), 100-lbs. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —

Cellulose, acetate-propionate, low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-19.9%), 100 - lb. ctns., 5,000 lbs. and up, frt. alld..lb. .48 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Triacetate, flake, frt. alld....lb. .80 - —
Carium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .03¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .85 - 1.00
Roman, bls.....lb. 3.25 Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.35.40 - —
Colo. .....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point), Minn., Neb., Wis.ton.27.00 - —
Indiana .....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia..ton.25.00 - —
Kansas, El Paso, Tex. ton.26.00 - —
Michigan .....ton.32.80 - —
Ohio .....ton.32.80 - —
Penn. .....ton.34.80 - —
Utah .....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .0240- —
l.c.l., bbls., works.....lb. .0265- —
tanks, works.....lb. .0190- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works.. ton. 9.50 - —
paper bgs., c.l., works., ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.18.60 -25.00
powd., cks., l.c.l., ex whse., ton.45.00 - —
Chloral hydrate, jars, 1,000 lbs..lb. .98 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .92 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.l., ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05¼- —
contracts, dlvd., N. Y...lb. .05¼- —
l.c.l., dlvd. N. Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75- —
multiple unit, 3 or over, works, frt. equald..100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.40 - —
1, works, frt., equald., 100 lbs. 2.90 - —
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chlorpicrin, com'l, 150-lb. cyls., frt. alld..lb. .80 - —
100-lb. cyls., frt. alld.....lb. .85 - —
25-lb. cyls., works.....lb. 1.00 - 1.15
1-lb. bot., case 12, works, lb. 1.25 - —
Chrome acetate, powd., 24%, bbls., lb. .21½- —
solut., 8½%, cs., bbls.....lb. No price
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid. chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. .85 - .90
20 in., thick, cs.....lb. .85 - .90
20 in., medium, cs.....lb. .85 - .90
USP, broken quill, red, bgs..lb. .20 - .21
yellow, bgs.....lb. .20 - .21
Cinchonidine, small crys., cns., 100 ozs..oz. .89 - —
Sulphate, N.F., cns., 100 ozs.oz. .53 - —
Cinchonidine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchonine, small crys., cns., 100 ozs..oz. .62 - —
large cryst., cns., 100 ozs.oz. .66 - —
Sulphate, N.F., cns., 100 ozs..oz. .42 - —
Cinchonine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchophen, USP, 25-lb. fib. dms., lb. 3.55 - 3.60
1 and 5-lb. bots.....lb. 3.70 - 3.80
100 lbs., dms.....lb. 3.50 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, 99-100% pure, cbys., cns..lb. 1.25 - 1.60
Cinnamon, Ceylon, 2 bls.....lb. .23½- .24
3 bls.....lb. No stocks
Citral, bots., cns.....lb. 3.00 - 4.00
Citrine ointment, jars.....lb. .95 - .97
Citronellal, bots., dms.....lb. 1.50 - 2.25
Citronellol, bots., dms.....lb. 1.75 - 2.00
Clove, Amboyna, bgs.....lb. .25 - .26
Zanzibar .....lb. .16 - .16½
Clover tops, red, bgs.....lb. .35 - .40
dom., bgs.....lb. .30 - .35

Coaltar, coal-gas, crude, bbls., c.l., works..bbls. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works...dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .80½- —
Carbonate, powd., bgs., works. lb. 1.59 - —
Chloride, kgs., works.....lb. .85 - —
Hydrate, bbls.....lb. 1.98 - —
Linoleate, paste, 5%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, cobalt oxide, bbls....lb. .13 - —
2 %, cobalt oxide, bbls....lb. .14 - —
3½%, cobalt oxide, bbls....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .22¾- .24
Cocillana bark, bgs.....lb. .22 - .23
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08

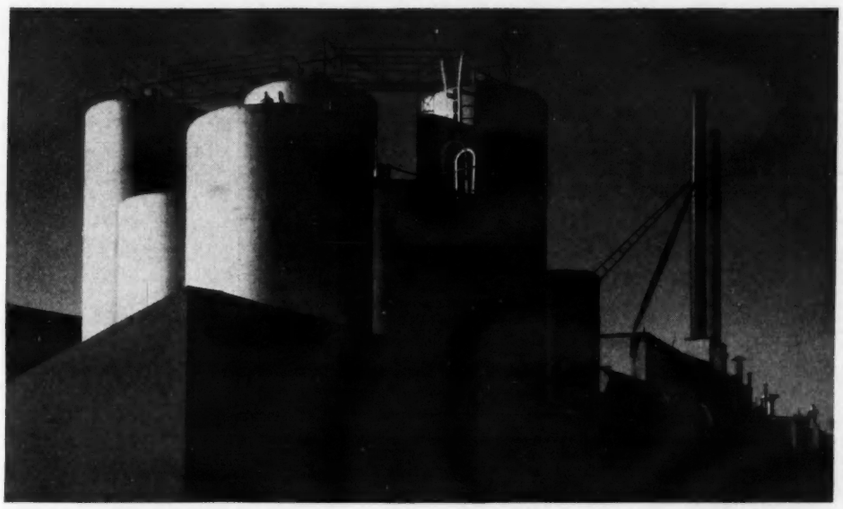
Colchicine, bots., cns.....oz.36.00 - —
Colchicum seed, bgs.....lb. 2.50 Nom.
Collodion, USP, dms., 325 lbs..lb. .15 - —
cns., 25 lbs.....lb. .19 - .20
flexible, USP, dms., 325 lbs..lb. .17 - —
cns., 25 lbs.....lb. .21 - .22
Colocynth pulp, bls.....lb. .95 - 1.00
Colombo root, bls.....lb. .20 - .21
Coltsfoot leaves, bgs.....lb. .35 - .40
Condurango bark, bgs.....lb. .10 - .11
Conium leaves, bls.....lb. .30 - .32
Copaiba, balsam, Para, cns....lb. .32 - .33
S.A., USP, cns.....lb. .34 - .35
Copper acetate, normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - —
Carbonate, 52-54%, bbls.....lb. .18 - .20½
Chloride, anhyd., bbls.....lb. .19½- —
cryst. .....lb. .13½- .14½
Cyanide, tech., bbls.....lb. .34 - .36
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .12 - .13½
Nitrate, cryst., bbls.....lb. .20 Nom.
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .19½- .21
Red, com'l, kgs., f.o.b. N. Y. lb. .20 - .22
Resinate, precip., bbls.....lb. .15 - .16
Sulphate, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 5.00 - 5.50
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.15 - 5.65
6-15 bbls., same basis, 100 lbs. 5.25 - 5.75
1-5 bbls., same basis, 100 lbs. 5.50 - 6.00
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 8.95 - —
l.c.l., dealers.....100 lbs. 9.95 - —

Cellulose—Cream of Tartar

Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship.....lb. .04 Nom.
Coriander, bgs.....lb. .10 - .10½
bleached, bgs.....lb. .12 - .12½
Corn silk, bls.....lb. .22 - .23
Corn sugar, tanners', chipped, bgs., c.l., dlvd..100 lbs. 4.05 - —
slabs, bbls., c.l.....100 lbs. 3.61 - —
solid, bbls., c.l.....100 lbs. 3.53 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.52 - —
43°, bbls., c.l.....100 lbs. 3.57 - —
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.39 - —
gran., powd., dms., 50 lbs. or more..lb. 2.24 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed, hull ash, 22-36% pot-ash, bgs., dlvd...unit-ton. 1.00 - —
meal, 8%, Southeast, mills..ton.35.50 - —
Coumarin, 5 lbs. or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 dms., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .45
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .15
Cream of tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .52½- —
smaller lots, bbls.....lb. .53 - —
kgs. .....lb. .53½- —

REICHHOLD

SYNTHETIC RESINS



CHEMISTRY'S CONTRIBUTION TO MODERN SURFACE COATING

No one knows better than the formulator the advances made during the last ten years in the production of paints, varnishes and lacquers.

Advances that have enabled him to produce a better product by working to predetermined results with known factors.

Advances based on chemistry—the exact science that synthetically recreates natural products to established characteristics.

Reichhold has been a leader in this decade of progress. The work of its research staff, that includes international authorities on synthetic resins, has won the highest respect for this institution throughout the surface coating industry.

Their findings, expanded to commercial production as represented in Reichhold's complete line of synthetic resins, processed copals, ester gums and synthetic oils, stand as a notable contribution to modern surface coatings.

REICHHOLD CHEMICALS
INCORPORATED • DETROIT, MICHIGAN

WORLD'S LARGEST PRODUCERS OF SURFACE COATING SYNTHETICS

Creosote—Flake White

Creosote, beechwood, bots.....lb. .70 Nom.
hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., obys.....lb. 1.90 - 2.20
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works..lb. .10½- —
l.c.l., same basis.....lb. .10¾- —
special resin grade, dms., c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .08½- —
l.c.l., works.....lb. .09¼- —
natural, c.l.....100 lbs. 8.75 - —
l.c.l. .....100 lbs. 9.25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N. Y. C..lb. .27 - .28
4% rotenone prices are 3c. per lb. less.
Cubeb berries, XX, bgs.....lb. .48 - .50
powd., cs.....lb. .53 - .54
Culver's root, bls.....lb. .16 - .17
Cumin seed, Morocco, bgs.....lb. .19 - .19½
Cyprus, bgs.....lb. .19¼- .19¾
Indian, bgs.....lb. .18 - .19
Persian, bgs.....lb. .18¼- .18¾
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04¾- —
Cyanamide, 22% N, pulv., bgs., dlvd., contracts, N., unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works..lb. .16 - —
Cyclohexanol, 98-100%, dms., works..lb. .23 - —
Cyclohexanone, 98-100%, dms., works..lb. .22 - —
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Damiana leaves, bls.....lb 16 - 17
Dandelion root, bls.....lb. .60 - .65
Decanol, normal, tech., 360 lbs. dms., dlvd..lb. .35 - —
Deertongue leaves, bls.....lb. 12 - 14
Degras, common, dom., bbls..lb. .08¼- .08¾
neutral, dom., bbls.....lb. .15 - .17
Derris root, powd. 5% rotenone, bbls., f.o.b. N. Y..lb. .28 - .30
4% rotenone prices are 3c. per lb. less.
Derris, extract, 25% rotenone, bulk, cns..lb. 3.00 - 4.00
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
Potato, bgs., dom., c.l.....lb. .08½- —
l.c.l., bgs. .....lb. .09½- .10
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 9.50 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .17 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst..ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard..ton.35.00 -39.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
import, Algerian, bgs., c.l., c.i.f. ton. No prices
Mexican, white, bgs., c.l., c.i.f. lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .53 - —
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - .20
l.c.l., dlvd.....lb. .19½- .20½
tanks, dlvd.....lb. .18 - .19
cns., works.....lb. .23½- .25½
Sebate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentanes, dms., c.l., works...lb. .032 - —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylamine ethanol, l.c.l., dms., works, frt. alld. E. of Miss. river, l.c.l., dms..lb. .75 - —
Diethylaniliin, dms.....lb. .40 - —
Diethylcarbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Oxalate, dms., l.c.l., dlvd.....lb. .28 - —
Diethyl phthalate, dms., c.l., dlvd..lb. .20 - —
l.c.l. .....lb. .20½- —
tanks .....lb. .19 - —
Sulphate, dms., c.l., works...lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethyleneglycol, dms., c.l., works, lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .40 - .42
Digiycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works..lb. .19 - —
Dillseed, cleaned, bgs.....lb. .06¾- .06¾
Dimethyl phthalate, dms., c.l., dlvd..lb. .20 - —
l.c.l., dlvd.....lb. .20½- —
tanks, dlvd.....lb. .19 - —
Dimethylamine, dms., c.l., dlvd.lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylaniliin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .43 - .45
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .45 - .45
cns. .....lb. .48 - .50
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-divi, Columbian.....ton.43.00 - —
Venezuelan .....ton.47.00 - —
Doggrass root, imp., cut, NF, bls. lb. .88 - 1.00
domestic, bls.....lb. .56 - .57
Dogwood bark, Jamaica, bls...lb. .08 - .09
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns.....lb.13.50 - —
Green FD&C green, No. 2, cns. lb.17.50 - —
FD&C green, No. 3 cns.....lb.27.50 - —
FD&C green, No. 1, cns. lb.13.50 - —
Orange, FD&C orange, No. 1, cns...lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3 cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 5, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C red, No. 17.....lb. 8.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 23.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors), for external use drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3.....lb.21.35 - —
Ext. D&C red, No. 6.....lb. 7.35 - —
Ext. D&C red, No. 10, cns..lb.12.35 - —
Ext. D&C red, No. 13, cns..lb.12.35 - —
cns..lb. 8.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
52 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R. paste...lb. .88 - .90
189 Lake red R. powd....lb. 3.00 - 3.10
Sulphur tan.....lb. .30 - .50
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
286 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .64
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
804 Paper yellow.....lb. .83 - .90
345 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
498 Benzo purpurin 10B..lb. .40 - .50
502 Direct asurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
Dyes, coaltar, for general uses (numbers are those of Colour index scale):—
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow...lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p.c. paste..lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .60
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar for stains, oil soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse):—
Black:—
865 Nigrosin derivatives..lb. .38 - .63
Blue:—
1075 Alizarin astrol base...lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Dyes, coaltar, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse):—
Black:—
864 Nigrosin.....lb. .38 - .44
Blue:—
560 Indulin.....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoldin G.....lb. .93 - —
21 Chrysoldin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —
Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel 3c. per lb. higher; f.o.b., sellers' works or warehouse):—
Black:—
246 Naphthol blue black S.lb. .50 - —
673 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
.054 Alizarin saphirol B....lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y.....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G....lb. .42 - .57
532 Bismarck brown R....lb. .42 - .57
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B.....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B....lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.35 - —
Orange:—
10 Chrysoldin G.....lb. .40 - —
21 Chrysoldin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G..lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
181 Crocein scarlet 3BX...lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M....lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 2.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
16 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow...lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen), yolk, dried, dom., bbls.....lb. .90 - —
imported .....lb. .80 - —
Elder flowers, bright, bls.....lb. .75 - .80
Elecampane root, bls.....lb. .14 - .15
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .19 - .20
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots...oz.24.00 -28.80
Ephedra, bls.....lb. .12 - .13
Ephedrine, USP hemihydrates, tins, 1,000 ozs..oz. .60 - —
100 ozs.....oz. .70 - —
anhyd., dms., 1,000-oz. lots.oz. .65 - —
100-oz. lots.....oz. .75 - —
Hydrochloride, tins, 1,000-oz. lots..oz. .45 - —
100-oz. lots.....oz. .55 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. .43 - —
100-oz. lots.....oz. .53 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
Epsom salt prices on technical and USP are on the basis of freight equalized with Baltimore, Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 2.00 - 2.10
Eserine, bots.....oz.50.00 -72.00
Salicylate, bots.....oz.42.00 -45.00
Sulphate, bots.....oz.42.00 -45.00
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .26 - .28
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .73 - —
Sulphuric, conc., 310-lb. dms.lb. .11 - —
27-lb. dms.....lb. .16 - —
Synth., dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks .....lb. .08 - —
USP, anesthesia, hospitals, 1-lb. cns..lb. .52 - .53
Ethyl acetate, 85-90%, dms., c.l., frt alld..lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt.. alld.....lb. .07½- —
95-98%, dms., c.l., frt. alld.lb. .08¾- —
l.c.l., frt. alld.....lb. .09¾- —
tanks, frt. alld.....lb. .07¾- —
NF, 390-lb. dms.....lb. .09 - —
cns., 35 lbs.....lb. .13 - .14
Acetoacetate, dms., c.l., wks.lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Benzoate, bots.....lb. 1.00 - 1.25
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.06 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, dms.....lb. 3.50 - 3.75
Formate, cns., dms.....lb. .25 - .26
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- .39½
Oenanthate, dms.....lb. .75 - 1.25
Oxalate, dms., frt. alld.....lb. .25 - —
Oxyhydrate, bots.....gal. 4.00 - 6.00
Silicate, l.c.l., dms., wks....lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots, cns.....lb. 6.60 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, std. cans, 5,000 lbs. or more, frt. alld..lb. .45 - — less than 5,000 lbs., same basis..lb. .47 - —
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0742- —
West of Rockies, same basis..lb .0792- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0795- —
West of Rockies, same basis..lb. .0841- —
Ethyleneglycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l., wks, lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .13½- —
monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works.....lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10¾- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinaniliin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .90 - .95
Eucalyptus leaves, bls.....lb. .11 - .12
Eugenol, cns., dms.....lb. 2.00 - 2.10
Euphorbia, bls.....lb. .09 - .10

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons...ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -12.25
l.c.l., minimum 2 tons...ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N. C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons.ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. .16 - .16¼
Indian, bags.....lb. .09 - .09½
French, bgs.....lb. No stocks
German, large, bgs.....lb. No stocks
Roumanian, bgs.....lb. .11½- .12
Fenugreek, seed, bgs.....lb. .07 - .07½
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs. or over, works..lb. .12 - —
smaller lots, works....lb. .13 - —
light, cs., 1,000 lbs. or over, works..lb. .13 - —
smaller lots, works....lb. .15 - —
water white, cs., 1,000 lbs. or over, works..lb. .14 - —
smaller lots, works....lb. .15 - —
Fir balsam, Canada, cns.....gal.16.50 -17.00
Oregon, bbls.....lb. .21 - 1.25
Fish berries, bgs.....lb. .26 - .27
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures...unit-ton. 4.25 & .10
meal, bgs., f.o.b. Balto....ton.65.00 - —
6-7% ammon., 8% phosphor. acid, bulk, Chesapeake Bay factories, contracts.....unit-ton. 2.75 & .50
sardine, Japanese, 11½% ammon. bgs., c.l.f. ports..ton. No prices
Flake white, dom., bbls.....lb. .09 - —
kegs .....lb. .11 - —

Fleaseed, French, black, bgs..lb. .55 - .60
Indian, blonde, bgs.....lb. .11 - .13
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines.. net ton.30.00 - —
washed gravel, 85.5 f.o.b. Ky. and-Ill.-Ky. mines.net ton.22.00 -23.00
No. 2, lump, 85.5 f.o.b. Ky. ton. No prices
and Ill. mines..net ton.22.00 -23.00
imported, 85.5, duty paid, short
Formaldehyde, bbls., c.l., works, lb. .0550- .0575
l.c.l., works.....lb. .06 - .0625
dms., c.l., works.....lb. .0515- .0540
l.c.l., works.....lb. .0585- .0590
tanks .....lb. .04 - .04¼
Fringetree bark, bls.....lb. .14 - .18
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.15.00 - —
import, bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 -
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- -
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., divd., lb. .17½- .19½
Fustic, cryst., bgs., No. 1....lb. .30 - —
No. 2..lb. .28 - —
No. 3..lb. .26 - —
extract, bbls., No. 1.....lb. .15 - —
No. 2..lb. .14 - —
No. 3..lb. .11½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .12
Gambier, common, cases.....lb. .09 Nom.
plantation, cases.....lb. .12 Nom.
cubes, Singapore, cases..lb. .10 Nom.
extract, bbls.....lb. .09½- .12
Gasoline at refinery:—
Bayonne, US motor, tanks, ex tax..gal. .07½- .08
California (f.o.b. San Francisco), regular, trucks, tax incl..gal. .14½- —
Gulf Coast, US motor, 72-74 octane, tanks, ex tax...gal. .07½- —
Louisiana-Arkansas, US motor, 72-74 octane, tanks, ex tax..gal. .05⅝- .06½
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax..gal. .05⅝- .06⅝
natural, 18-55, tanks....gal. .03⅝- .04
26-70, tanks.....gal. .03⅝- —
Gelatine, silver, cs.....lb. .70 - .77
Gelsemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .70 - .72
grd., bbls., bxs.....lb. .72 - .74
powd., bbls., bxs.....lb. .74 - .76
Geraniol, 92-96%, cns., dms...lb. 2.35 - 2.50
other grades, cns., dms.....lb. 1.50 - 2.25
soap, cns., dms.....lb. .90 - 1.35
Ginger, African, No. 1, bgs...lb. .20¼- .20¾
Cochin, bgs.....lb. .19½- .20
Jamaica, bold, bgs.....lb. .34 - .35
medium, bgs.....lb. .30 - .31
grinding, bright, bgs.....lb. .29 - .30
Japanese, bgs.....lb. No stocks
Ginseng root, wild Southern, cs. lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. 1.05 - 1.28
5 tons or over, works, 100 lbs. 1.15 - 1.35
less than 5 tons, works, 100 lbs. 1.25 - 1.45
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., divd. East or Midwest.....lb. .16 Nom.
l.c.l. .....lb. .16½ Nom.
36/58, c.l.....lb. .15½ Nom.
l.c.l. .....lb. .16 Nom.
58/82, c.l.....lb. .17 Nom.
l.c.l. .....lb. .17½ Nom.
82/108, c.l.....lb. .17½ Nom.
l.c.l. .....lb. .18 Nom.
hide, calcimine type, 58 millipoise, 135 jellygrams, bgs., c.l., divd. East or Midwest.....lb. .19 Nom.
l.c.l. .....lb. .19½ Nom.
60/164, c.l.....lb. .19½ Nom.
l.c.l. .....lb. .21 Nom.
67/122, c.l.....lb. .21½ Nom.
l.c.l. .....lb. .22 Nom.
75/222, c.l.....lb. .24½ Nom.
l.c.l. .....lb. .25½ Nom.
68/251, c.l.....lb. .24½ Nom.
l.c.l. .....lb. .26½ Nom.
92/283, c.l.....lb. .26½ Nom.
l.c.l. .....lb. .27½ Nom.
102/315, c.l.....lb. .27½ Nom.
l.c.l. .....lb. .28 Nom.
113/347, c.l.....lb. .28 Nom.
l.c.l. .....lb. .29 Nom.
125/379, c.l.....lb. .29 Nom.
l.c.l. .....lb. .30 Nom.
Glue prices for barrel packing are ½c. per lb. higher; grinding charges, 20-40 mesh, ½c. per lb.; 60 mesh, 1c. per lb.
Glycerin, CP, cns., l.c.l.....lb. .16½- .17
dms., c.l., divd.....lb. .14½- —
l.c.l., divd.....lb. .15 - —
tanks, divd.....lb. .14½- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., divd.lb. .14 - —
l.c.l., divd.....lb. .14½- —
tanks, divd.....lb. .13¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., divd..lb. .15½ Nom.
l.c.l., same basis..lb. .16½ Nom.
tanks .....lb. .15 Nom.
refiners, dms., returnable, tanks, divd..lb. .14 Nom.
soaplye, basis 80%, dms., returnable, tanks, divd..lb. .13 Nom.
Glycine, medicinal, bbls., tins.lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms.....lb. .26 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, both..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs....lb. .18½- .19
Goldenseal, root, bls.....lb. 3.50 - 3.60
powd., bxs.....lb. 3.75 - 3.85
Grains of paradise, bgs.....lb. .35 - .37
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphite carbon, bgs., c.l., works..lb. .07 - —
bbls., c.l., works.....lb. .07¼- —
l.c.l., works.....lb. .07½- —
Graphite, amorph., powd., 90%, 325 mesh, 65% graphite carbon, bgs., c.l., works, lb. .02½- —
l.c.l., works.....lb. .03⅜- —
bbls., c.l., works.....lb. .02¾- —
80% graphite, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house.....lb. .07½ Nom.
white .....lb. .08 Nom.
yellow .....lb. .07½ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - -
6-10%, bbls., same basis..lb. .22 - —
11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis..lb. .23½- —
21-25%, bbls., same basis..lb. .24 - —
26-30%, bbls., same basis..lb. .24½- —
31-35%, bbls., same basis..lb. .25½- —
36-40%, bbls., same basis..lb. .27 - —
41-45%, bbls., same basis..lb. .28½- —
46-50%, bbls., same basis..lb. .30 - —
Green, chrome, prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Green, chrome, reduced, CP, color content up to 5%, same basis..lb. .08 - —
9-10%, bbls., same basis..lb. .06¾- —
11-13%, bbls., same basis..lb. .07½- —
14-16%, bbls., same basis..lb. .07½- —
17-19%, bbls., same basis..lb. .07¾- —
20-21%, bbls., same basis..lb. .08 - —
22-23%, bbls., same basis..lb. .08¼- —
24-25%, bbls., same basis..lb. .08½- —
26-27%, bbls., same basis..lb. .08¾- —
28-29%, bbls., same basis..lb. .09¼- —
30-31%, bbls., same basis..lb. .10 - —
32-33%, bbls., same basis..lb. .11¼- —
34-35%, bbls., same basis..lb. .12¼- —
36-40%, bbls., same basis..lb. .14¼- —
41-45%, bbls., same basis..lb. .16¼- —
46-50%, bbls., same basis..lb. .16¾- —
51-55%, bbls., same basis..lb. .17¼- —
56-60%, bbls., same basis..lb. .17¾- —
61-65%, bbls., same basis..lb. .18¾- —
66-70%, bbls., same basis..lb. .19¼- —
71-75%, bbls., same basis..lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .45 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Tetrahydroxide, bbls.....lb. .65 - —
Paris (see P).
Tunstated, brilliant, kgs.....lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10

Fleaseed—Gum, Copal

Guaiac resin, cs.....lb. .80 - .85
strained, cs.....lb. .85 - .90
Wood, bls.....lb. .04 - .05
Guaiacol, liq., dms.....lb. 1.55 Nom.
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Gum, guarana, powd., cs.....lb. 1.20 - 1.25
Aloe (see A).
Ammoniac, tears, cs.....lb. .80 - .85
Arabic, amber sort, cleaned, bgs..lb. .21 - .22
white, sorts, 1, bgs.....lb. .39 - .40
powd., bbls.....lb. .23 - .24
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 2.50 - 2.90
Sumatra, cs.....lb. .23 - .24
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .40 - .42
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Francisco..lb. .40½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gum prices on 80,000 lbs. min. apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
2, water white, bgs., c.l., same basis..lb. .29½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —

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Small private pools . . . and larger commercial and municipal pools . . . are now completely sanitized and sterilized by a single disinfecting agent . . . Sanitation H.T.H.

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INDEPENDENT AND HELPFUL CROWN CAN

Gum, Copal—Lime

Gum, copal, Congo, 5, pale straw bold, bgs., c.l., same basis..lb. .22½- —
6, pale amber bold, bgs., c.l., same basis..lb. .21½- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13½- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .13¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .12¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .11½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .09½ —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09½- —
17, pale, fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same bais..lb. .19½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .18¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
21, ordinary selected nubs, c.l., same basis..lb. .12¾- —
22, small mixed nubs, bgs., same basis..lb. .10¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .11¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¼- —
25, pale small nubs, c.l., same basis..lb. .10¾- —
27, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
28, pale dust, bgs., c.l., same basis..lb. .06¾- —
Batu, bold scraped, bgs....lb. .10¼- —
unscraped, bgs.....lb. .09½- —
chips, bgs.....lb. .06⅞- —
dust, bgs.....lb. .06⅝- —
nubs and chips, bgs.....lb. .06⅞- —
black, bold, scraped, bgs..lb. .10⅞- —
unscraped, bgs.....lb. .07½- —
nubs and chips, bgs.....lb. .07¼- —
Hiroe, Macassar, pale bold, bgs..lb. .14¼- —
chips, bgs.....lb. .08¾- —
dust, bgs.....lb. .06⅝- —
nubs, bgs.....lb. .11½- —
Singapore, Rasok, bold, bgs., lb. .17⅜- —
chips, bgs.....lb. .10¼- —
dust, bgs.....lb. .06¼- —
nubs, bgs.....lb. .14⅞- —
Manila, Boeas, amber and dark, bskts.....lb. .14 - —
light, bskts.....lb. .15⅝- —
Loba A, bskts.....lb. .13⅞- —
B, bskts.....lb. .13½- —
C, bskts.....lb. .12¼- —
CNE, bskts.....lb. .10½- —
D, bskts.....lb. .12½- —
DK, bskts.....lb. .09⅜- —
dust, bskts.....lb. .07⅞- —
Sambas and white split chips, bskts..lb. .15⅝- —
Singapore, dust, bskts.....lb. .07⅛- —
Spirit-soluble, CBE, bskts., lb. .12⅞- —
DBB, bskts.....lb. .11⅝- —
MA, bskts.....lb. .10¼- —
MB, bskts.....lb. .09⅜- —
WS, bskts.....lb. .11⅝- —
Philippine, Manila, amber sorts, bskts..lb. .09¼- —
chips, bale, bskts.....lb. .11⅜- —
pale, small, bskts.....lb. .11 - —
extra pale, sorts, bskts..lb. .12 - —
nubs, bskts.....lb. .13¼- —
scraped, bskts.....lb. .14⅜- —
seeds and dust, bskts....lb. .08½- —
Pontianak, bold, genuine, bgs., lb. .18⅜- —
mixed, bgs.....lb. .17⅜- —
split, bgs.....lb. .17⅜- —
chips, bgs.....lb. .11½- —
nubs, bgs.....lb. .16⅞- —
Dammar, Batavia, A, cs., same basis as copal..lb. .23½- —
A/C, cs.....lb. .22½- —
A/D, cs.....lb. .19⅜- —
A/E, cs.....lb. .17½- —
B, cs.....lb. .23⅞- —
C, cs.....lb. .19⅝- —
D, cs.....lb. .17½- —
dust, cs.....lb. .08⅞- —
E, cs.....lb. .12⅝- —
F, cs.....lb. .09¼- —
Singapore, 1, cs.....lb. .22⅝- —
2, cs.....lb. .17¼- —
3, cs.....lb. .08¾- —
chips, cs.....lb. .15⅝- —
dust, cs.....lb. .08¾- —
seeds, cs.....lb. .12¾- —
Elemi, cns, same basis as copal..lb. .08½- —
Ester, ordinary, c.l., dms., contract, dlvd. N. Eng., N. Y., N. J., Pa., Va., N. C., Ky., Ohio, Ind., Mich., Wis. and Ill..lb. .07½- .09
Mont., Idaho, Wyo., Nev., Utah, Col., Ariz., N. Mex. and Western Tex..lb. .08 - .09½
Pacific Coast (water shipt.)..lb. .07½- .10
Other points.....lb. .07¾- .10¼

For delivery of 3,000 pounds, prices are ¼c. per pound higher than the above in each case; for delivery of smaller lots, prices are ½c. per pound higher in each case. Spot prices are ½c. per pound higher.

Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.40 - 1.50
Gamboge, pipe, cs.....lb. .95 - 1.00
powd., bbls.....lb. 1.05 - 1.10
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resins).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l..lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B5, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
½, cs., c.l., same basis....lb. .41 - —
2, cs., c.l., same basis....lb. .24 - —
3, cs., c.l., same basis....lb. .17⅜- —
Kino, tins.....lb. No prices
Kino, tins.....lb. No prices
Locust bean, powd., bbls....lb. 1.40 Nom.
Mastic, cs.....lb. 1.50 - 1.65
Myrrh, USP, cs.....lb. .50 - .55
Olibanum, siftings, cs.....lb .20 - .35
Opium (see O.).
Rosin (see R).

Gum, sandarac, cks.....lb. .52½- .55
Scammony, cs.....lb. 1.10 - 1.75
Taiba, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.16.50 - —
Tragacanth, Alleppo, 1 cs....lb. 3.00 - 3.10
2 cs.....lb. 2.70 - 2.80
3 cs.....lb. 2.50 - 2.60
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.27.65 - —
New Brighton, N.Y.; frt. equald..ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N.Y.; Blue Rapids, Kans.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southard, Okla.; Sweetwater, Tex.; frt. equald.. ton. 8.00 - —
Gypsum, stucco, terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla..ton.12.00 - —
Harlem River, N. Y..ton.12.00 - —
Import, bgs., ex dock.....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .45 - .46
Heliotropin, cryst., cns.....lb. 3.00 - 3.40
Hellebore root, white, powd., bbls., lb. .18 - .19
Helonias root, bls.....lb. .50 - .55
Hematine, cryst., bgs., No. 1...lb. .32 - —
No. 2...lb. .28 - —
No. 3...lb. .26 - —
No. 4...lb. .24 - —
No. 5...lb. .22 - —
paste, bxs, No. 1.....lb. .13½- —
No. 2.....lb. .12½- —
No. 3.....lb. .11½- —
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .03 - —
Hempseed, Manchur, bgs.....lb. .08 - .08½
Henbane leaves, bbls.....lb. 3.40 Nom.
Henna leaves, bls.....lb. .27 - .28
powd., bbls., bxs.....lb. .30 - .31
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, tanks, Group 3, gal. .09¾- —
dms., c.l., dlvd., Group 3.. gal. .24 - —
l.c.l., 5 or more, dlvd., Group 3..gal. .29 - —
1-5, dlvd., Group 3.....gal. .38 - —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, 25 oz., bots..oz.17.50 -32.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 2.75 - 3.00
Hops, N.F., bls.....lb. .20 - .2[illegible]
Horehound, bls.....lb. .11 - .12
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.18.00 - —
Hydrochloride, bots., 4 oz...oz.18.00 - —
Sulphate, bots, 4 ozs.....oz.18.00 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofluramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls..lb. 100 vols., cbys., E. of Miss. River: West Coast via Panama Canal..lb. .03¾- .04
.16 - .18¼
Hydroquinone, dealers, bbls., dms. lb. .90 - .94
Hydroxycitronellal, cns.....lb. 3.90 Nom.
Hyoscine hydrobromide, bots.gm. 3.50 - —
Hyoscyamine, bots.....oz.21.25 -27.50
Hydrobromide, bots.....oz.21.25 -27.50
Sulphate, bots.....oz.21.25 -27.50
Hypernic, cryst., bgs., No. 1...lb. .49 - —
No. 2...lb. .32 - —
extract, bbls, No. 1.....lb. .23 - —
No. 2..lb. .18 - —

I

Iceland moss, bls.....lb. .25 - .37
Ichthyol bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.20
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indium metal.....oz.12.50 - —
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).

Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
beta, bots.....lb. 3.90 - 3.95
Methyl, alpha, 100%, cns....lb. 4.35 - —
Ipecac root, bgs.....lb. 1.80 - 1.90
powd., bxs.....lb. 1.85 - 1.90
Irish moss, ordinary, bls.....lb. .25 - .28
powd., 80-90 mesh, bbls..lb. .35 - .38
prime bleached, bls.....lb. .32 - .35
Iron acetate, N. F., 1V, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms...100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., wks., frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
solut. cbys., works, frt. alld. or equald..lb. .06½- .07
djns.....lb. .07½- —
Citrate, USP VIII, pearls...lb. .72 - .78
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms.....lb. 1.50 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, cbys.....lb. .39 - .40
bots.....lb. .58 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, powd., kgs.....lb. .47 - .49
cns.....lb. .52 - —
scales, cns.....lb. .82 - .85
Oxide, black, bbls., works...lb. .08 - —
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .65 - .75
Sulphate, tech. (see Coppers and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms.. lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
pearls, 2,000-lb. lots, dms.. lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
scales, 2,000-lb. lots, dms.. lb. .44 - —
200-lb. lots, dms.....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia oxalate, bbls...lb .23½- —
dms., kgs.....lb .25½- —
Iron-soda oxalate, bbls.....lb .23½- —
dms.....lb .25½- .26½
Isobutyl acetate, 55-gal. dms., works...lb.0860 - —
tanks, works.....lb.0760 - —
Propionate, dms., works...lb. .102 - —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works..gal. .55 - —
Isophorone, dms., works.....lb. .25 - —
Isopropylamine, dms., works...lb. .35 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 3 gals., E. of Rockies, frt. alld..lb. .12 - —
c.l., E. of Rockies, frt. alld. lb. .08½- —
l.c.l., E. of Rockies, frt. alld..lb. .09 - —
tanks, E. of Rockies, frt. alld..lb. .07½- —
Alcohol (see Alcohol).
Ether, dms., 5 gals., frt. alld. gal. .55 - —
55 gals., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gals., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .12
Jalap root, NF, bls.....lb. .37 - .48
powd., bbls., bxs.....lb. .42 - .53
resin, lump, 100-lbs. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, bgs.....lb. .75 - .90

K

Kamala, tins.....lb. .33 - .34
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0320- —
California (f.o.b. San Francisco) truck..gal. .11½- —
Gulf ports, p.w., bulk.....gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., blk..gal. .04⅜- .04⅝
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04⅜- .04⅝
Pennsylvania, 43 w.w., tanks, gal. .05½- .06
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae)
Lard, city, tubs.....100 lbs.10.50 -10.60
Middlewestern, trcs....100 lbs.10.10 -10.20
Neutral, trcs.....100 lbs.11.00 -11.25
Western, choice, trcs...100 lbs.10.13 -10.25
Compound, trcs.....100 lbs.14.50 -14.75
Larkspur seed, bgs.....lb. 2.10 Nom.
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .48 - .49
Portuguese, bls.....lb. .28 - .30
Turkish, bls.....lb. .58 - .60
Lavender flowers, ordinary, bls.lb. .80 - .85
medium, bls.....lb. .83 - .85
select, bls.....lb. .93 - .95

Lead acetate, white, broken, bbls., lb. .12 - .13½
cryst., bbls.....lb. .12 - .13½
gran., bbls.....lb. .12¾- .13¼
powd., bbls.....lb. .12¾- .13¼
Arsenate, bgs., c.l.....lb. .09 - .11
l.c.l., bgs.....lb. .09½- .11½

Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¾- —
l.c.l., dlvd. E.....lb. .07 - —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07 - —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07½- —
Carbonate (see Lead, white).
Chloride, fib. dms., 100 lbs.....lb. .49 - —
Iodide, NF V, powd., 5-lb. bots. lb. 2.80 - —
jars.....lb. 2.69 - —
Linoleate, pale, precip., dms., lb. .19 - —

Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Peroxide, powd., bbls., tech..lb. .23 - —
Oleate bbls.....lb. .18½- .20
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.....lb. .0800- —
Other points.....lb. .0835- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. Cascade Mts. in Ore. and Wash...lb. .09 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash...lb. .09½- —
Colo., Mont., N. Mex., Wyo..lb. .09¾- —
Other points.....lb. .09¾- —
smaller lots, Ala., etc. lb. .09¼- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd. Ala., etc..lb. .0860- —
other points.....lb. .0860- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .09 - —
smaller lots, dlvd. Ala..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09¼- —
98% Pb_3O_4, bbls., c.l., (20 tons), dlvd. Ala., etc..lb. .0910- —
other points.....lb. .0885- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
smaller lots, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
in oil, 95% min., 100-lb. kgs., lb. .12½- —
Resinate, fused, 15%, bbls...lb. .09½- —
pale, bbls.....lb. .11¼- —
Silicate, bgs., 5 tons.....lb. 6.59 - —
smaller lots.....lb. 7.01 - —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Titinate, bgs. or bbls., c.l. basic sulphate, bbls., c.l., (20 tons), works, frt. alld..lb. .10¼- —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .10¼- —
Pac. Cst., ex whse....lb. .10½- —
smaller lots, E. frt. alld..lb. .10¾- —
Pac. Cst., ex whse....lb. .10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd., Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¾- —
other points.....lb. .07½- —
l.c.l. dlvd. Ariz., etc...lb. .08 - —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc.....lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd. Ariz., etc...lb. .07½- —
other points.....lb. .07 - —
in oil, 100-lb. kgs., consumers, lb. .13¼- —
dealers.....lb. .11¾- —
painters.....lb. .13¾- —

Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.

Lecithin, 100%, cns., f.o.b. N. Y. or Atl..lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis, lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis. lb. .40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .20 - .25
Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, cuttings, bls.....lb. .28 Nom.
powd., bbls., bxs.....lb. .33 Nom.
select, bdls., cs.....lb. .90 Nom.
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —

3 more for the record

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*Aerosol Wetting Agents

AEROSOL OT is the most powerful wetting agent commercially available... superior strength and wetting power making it extremely economical and exceptionally effective when properly used. AEROSOL OT Wetting Agents can be obtained in concentrated form (100%), or in dilute solutions from 10 to 85%, as required. For special applications involving high concentrations of electrolytes, special types of AEROSOL OT are available. Most of the AEROSOL Wetting Agents contain no inorganic salts and can, therefore, be used in a wide range of industrial processes. Consult Cyanamid about AEROSOL OT wherever fast and complete wetting is a problem. Write today for special folder on AEROSOL OT to...

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DRY CLEANING & LAUNDERING

AEROSOL OT 100% used in a dry cleaning solvent has shown excellent results with both silks and celanese; and when used with dry cleaning soap, has proved satisfactory for rayon as well. Also used with solvents for spotting wet-washed pieces, later flushed with water.

ANTISEPTICS

Independent tests recently completed reveal that the properties of AEROSOL OT as a surface tension depressant "exerts, in vitro, a marked increase in bactericidal efficiency with an increase in the H-ion concentration." Details of the test and the conclusions to be drawn from it are reported at length in the March, 1941, issue of THE AMERICAN JOURNAL OF PHARMACY. Another article illustrating the same action appeared in the April 14, 1941, issue of ASSOCIATION BULLETIN, International Association of Milk Dealers.

INKS

Wetting of the pigments to improve the manufacture of inks is an important application of AEROSOL OT. AEROSOL OT (also AEROSOL MA or AEROSOL AY) does an exceptional job, particularly from the standpoint of gloss and dispersion. AEROSOL Wetting Agents are most frequently used to modify the wettability of the pigments when these are being made. For further information on applications of AEROSOL Wetting Agents to inks, dyes and other compounds, write American Cyanamid.

Lime—Molybdate Orange

Lime, chemical (quicklime), lump of pebble, bulk, f.o.b. Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 6.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —

Hydrated, paper bgs., f.o.b.
Adams, Mass.....ton. 8.50 - —
Bellefonte, Pa.....ton. 8.50 - —
Berkley, W. Va...ton. 7.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.60 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D...ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —

spray, paper bgs., f.o.b.
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium).

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis..lb. .08½- .09½
dms., same basis.....lb. .12 - —
Solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
80-50, dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd. gal. .07½- —
80-50 dms.....gal. .10½- .14½
Zone 4 ,tanks, dealers, wks., gal. .09 - —
dms., wks., except Cal.gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms.....gal. .12 - —
Zone 6, tanks, dealers....gal. .07½- —
80-50 dms.....gal. .10 - .14

Prices for lime sulphur solution are f.o.b warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo. and Tenn. west of Tenn. River; Penn., eastern tier and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 3.75 - 4.00
Linalyl acetate, 70%, cns.....lb. 3.00 - 3.50
90%, cns.....lb. 4.00 - 4.50
92%, cns.....lb. 5.50 - 6.20
Linden flowers, with leaves, bls.lb. .70 - .75
without leaves, bls.....lb. .55 Nom.
Linseed, meal, bgs.....ton.27.50 - —
Litharge, com'l powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, Ill., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07¾0
dlvd., other points.....lb. .0735- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
Other points.....lb. .07¾- —
smaller lots, dlvd., Ala.lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
Other points.....lb. .08¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, NF VI, 250-lb. bbls. lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone, titanated (high-strength), bgs., c.l. (20 tons)..lb. .05½- —
smaller lots.....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots.....lb. .05¾- —
Ordinary, bgs., c.l. (20 tons).lb. .0335- —
smaller lots.....lb. .0410- —
bbls., c.l. (20 tons).....lb. .0410- —
smaller lots.....lb. .0435- —
Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst., and in less car lots is ¼c. higher ex whse. Pac. Cst.
Liverwort, leaves, bls.....lb. .60 - .65
Lobelia, herb, bls.....lb. .23 - .25
Seed, bgs.....lb. .35 - .36
Logwood, cryst., bgs., No. 1..lb. .26 - —
No. 2..lb. .24 - —
extract, bbls., No. 1.....lb. .13 - —
No. 2..lb. .12 - —
No. 3..lb. .11¼- —
No. 4..lb. .09 - —
solid, bxs., No. 1.....lb. .22 - —
No. 2..lb. .20 - —
Lovage root, dms., bls.....lb. .45 - .50
imported, bls.....lb. .45 Nom.
Lupulin, N.E., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 4.50 - 4.75

M

sface, Banda, cs.....lb. .47 - .48
Batavia, cs.....lb. .30 - .31
Siauw, cs.....lb. .37 - .38
West Indian, cs.....lb. .51 - .52
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .08¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09¼- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09¼- —
bbls.....lb. .09¾- —
kgs.....lb. .10¾- —
Other points.....lb. .08 - —
Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l. shipments, frt. equald. with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.
Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., tons.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hydroxide, med., 200-lb. bbls.lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .83 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .15 Nom.
Stearate, bbls., ctns., 1 ton..lb. .28 - —
smaller lots.....lb. .29 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .37 - —
smaller lots, dms.....lb. .42 - —
cs., 500-lb. lots.....lb. .40 - —
100-lb. lots.....lb. .42 - —
5-lb. cns.....lb. .60 - —
Magnesite, cal., dom., bgs...ton.67.00 -75.00
imports, bgs., duty paid..ton. No prices
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -25.00
Malva flowers, black, bls.....lb. .90 - .95
blue, bls.....lb. .90 Nom.
Leaves, bls.....lb. .40 - .45
Manaca root, bls.....lb. .28 - .34
Mandrake root, bls.....lb. .14 - .15
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .13½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works. ton.71.50 - —
5-15 tons, works.....ton.74.50 - —
½, 4 tons, works.....ton.79.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works. ton.71.75 - —
l.c.l., 5 tons, works....ton.74.75 - —
smaller lots, works...ton.79.75 - —
paper bgs., c.l., works...ton.70.00 - —
l.c.l., 5 tons, works....ton.73.00 - —
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports..unit-ton. .71 Nom.
Resinate, fused, 8½%, bbls..ton. .08½- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, wks., lb. .10½- —
single, bbls. works.....lb. .11½- —
fertilizer, 65%, MnSo, bgs., c.l., dlvd., South..ton.57.00 - —
l.c.l., bgs.....ton.65.00 -75.00
Mangrove bark, bgs., shipt...ton.37.00 -38.00
Manna flake, large, cs.....lb. 2.00 Nom.
small, cs.....lb. 1.50 Nom.
Mannitol, com'l grade, bbls., ton lots, works..lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .85 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, No. 1.....lb. .60 Nom.
Tunisan, bls.....lb. .32 - .33
Chilean .....lb. .12½- .13
Menthol, natural, Chinese, cs..lb. 7.00 - 7.50
Japanese, cs.....lb. 7.00 - 7.50
synthetic, USP, cs.....lb. No prices
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails. 50 lbs.....lb. 1.34 - —
25 lbs.....lb. 1.36 - —
50% pails, 50 lbs.....lb. 1.94 - —
25 lbs.....lb. 1.96 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 2.82 - —
100-lb. fib. dms.....lb. 2.69 - —
25-lb. jars.....lb. 2.71 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd.....lb. 4.00 - 4.05
Iodide, red, NF, 5-lb. bots..lb. 4.51 - —
100-lb. fib. dms.....lb. 4.40 - —
yellow, 5-lb. bots.....lb. 4.61 - —
fib. dms., 100 lbs.....lb. 4.50 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate). tech. (see Red, mercury oxide). yellow, tech. (see Yellow, mercury oxide). NF VI, fib. dms., 50 lbs., or more..lb. 3.38 - —
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
Mercury and chalk, 5-lb. ctns..lb. 1.65 - —
25-lb. fib. dms.....lb. 1.73 - 1.75
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 2.50 - —
composition, 5½x5½ in....pkg. 3.00 - —
gold, XX, deep, 23K, 3¾x3¾ in. pkg.15.00 - —
silver, 3¾x3¾ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .70 - —
Methanol, natural, producer group A, denat., grade tanks...gal. .60 - —
95% tanks.....gal. .73 - —
97% tanks.....gal. .75 - —
Pure, dms.....gal. .86 - —
Methanol in drums, car lots, is 6c. per gal. higher, frt. alld., east of the Miss. river. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.
group B, pure, tanks, frt. alld., Zone 1..gal. .40 - —
Zone 2.....gal. .42 - —
Zone 3.....gal. .44 - —
Zone 4.....gal. .44½- —
dms., c.l., Zone 1.....gal. .45½- —
Zone 2.....gal. .47½- —
Zone 3.....gal. .49½- —
Zone 4.....gal. .51½- —
l.c.l., Zone 1.....gal. .48½- —
Zone 2.....gal. .50½- —
Zone 3.....gal. .52½- —
Zone 4.....gal. .65½- —
Group B, 95% frt. alld., prices 2c. more than pure, all zones.
97% frt. alld., prices 1c. more than pure, all zones.
Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.
Synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37½- —
3, frt. alld.....gal. .39½- —
4, frt. alld.....gal. .41½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .38 - —
2, frt. alld. or dlvd..gal. .45½- —
3, dlvd., S. F. and L. A., gal. .42 - —
4, frt. alld. or dlvd..gal. .53½- —
tanks, Zone 1, frt. alld..gal. .30 - —
2, frt. alld.....gal. .32 - —
3, frt. alld.....gal. .34 - —
4, frt. alld.....gal. .34½- —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- .12
W. of Miss. R.....lb. .11½- .13
l.c.l., dms., dlvd., E. of Miss. R..lb. .11 - .12½
W. of Miss. R.....lb. .12 - .13½
tanks, dlvd. E. of Miss. R. lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07 - .09
W. of Miss R.....lb. .08 - .10
l.c.l., dlvd. E. of Miss. R..lb. .07½- .09½
W. of Miss. R.....lb. .08½- .10½
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .20½- —
Acetone, natural, group A producers. E. of Rockies, frt. alld., tanks..gal. .60 - —
dms., c.l., same basis....gal. .66 - —
l.c.l., same basis....gal. .71 - —
Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
Methyl acetone, natural, group B, producers, tanks, Zone 1..gal. .50 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .54 - —
Zone 4.....gal. .54½- —
dms., c.l., Zone 1.....gal. .55½- —
Zone 2.....gal. .57½- —
Zone 3.....gal. .59½- —
Zone 4.....gal. .61½- —
l.c.l., Zone 1.....gal. .58½- —
Zone 2.....gal. .75½- —
Zone 3.....gal. .62½- —
Zone 4.....gal. .75½- —
Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.
Methyl acetone, synthetic, tanks, Zone 1..gal. .43 Nom.
Zone 2.....gal. .44½ Nom.
Zone 3.....gal. .45½ Nom.
Zone 4.....gal. .45½ Nom.
dms., c.l., Zone 1.....gal. .51 Nom.
Zone 2.....gal. .52 Nom.
Zone 3.....gal. .53½ Nom.
Zone 4.....gal. .54½ Nom.
l.c.l., Zone 1.....gal. .54½ Nom.
Zone 2.....gal. .57 Nom.
Zone 3.....gal. .58 Nom.
Zone 4.....gal. .59 -
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.00 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 490 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.
Methyl, cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .69 - —
Lactate, dms., l.c.l., dlvd...lb. .80 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Molybdated violet toner, bbls.lb. .35 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 2,000 lbs. or more, works..lb. .50 - —
100 to 1,999 lbs., works...lb. .55 - —
1 to 99 lbs., works.....lb. .60 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98 - 100%, dms., works..lb. .23 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11 - —
Methylnaphthyl ketone, dom., cryst., cns..lb. 2.75 - 3.05
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works..lb. .02 - —
500 lbs., works...lb. .02½- —
100 lbs., works.....lb. .03 - —
refined, bgs., extra and returnable, c.l., wks..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works...lb. .02½- —
500 lbs., works...lb. .03 - —
roofing, bgs., extra and returnable, c.l., works....ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04⅝- —
l.c.l., ex whse., or frt. alld. E..lb. .04⅝- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., ex whse., or frt. alld. E..lb. .04½- —
biotite, bgs., c.l., frt. alld. E..lb. .03½- —
l.c.l., ex whse. or frt. alld. E..lb. .04 - —
Wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk, powder, skimmed, roller, bbls., c.l..lb. .10½- —
l.c.l. .....lb. .11½- —
spray, bbls., c.l.....lb. .10½- —
l.c.l. .....lb. .11½- —
unskimmed, roller, bbls., c.l., lb. .25½- —
l.c.l. .....lb. .26½- —
spray, bbls., c.l.....lb. .26 - —
l.c.l. .....lb. .27 - —
Millet seed, yellow, bgs.....lb. .0240- .0260
early fortune, bgs.....lb. .02¼- .02¾
hulled, bgs.....lb. .06½- .06¾
Mineral spirits (see Petroleum thinners and VM & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .09½- —
f.o.b. Gulf ports.....gal. .09 - —
Molybdate orange (see Orange, molybdate).

Molybdenum metal, kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100% c.l., wks..lb. .50 - —
l.c.l., works.....lb. .53 - —
Monoamylnaphthalene, l.c.l., dms. works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., wks..lb. .37 - —
l.c.l., works.....lb. .40 - —
Monochlorobenzene, dms., l.c.l. lb. .07 - —
smaller, cns.....lb. .08 - .09
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Monoethylanilin. dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .60 - —
l.c.l., dlvd.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, octs., 5 ozs.....oz. 11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz. 10.75 - —
cns., 25 ozs.....oz. 10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, powd., 5-oz. bots. oz. 9.00 - —
25-oz. cans.....lb. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cans.....lb. .15 - .16
flowers, cns.....lb. 1.50 - 1.55
Musk, nat., Tonquin, grains, bots..oz. 30.00 -35.50
synth., ambrette, cns., 100 lbs. or more..lb. 3.75 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 4.20 - —
ketone, cns., 100 lbs. or more, lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.00 - —
1 lb.....lb. 4.35 - —
xylol, cns., 100 lbs. or more, lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.55 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown. lb. .16 - .16½
yellow, bgs.....lb. .16 - .16½
Chinese, yellow, bgs.....lb. .08¼- .08¾
Danish, yellow.....lb. .27 - .2⁸
English, yellow, bgs.....lb. .27½- .28
Dutch, yellow, bgs.....No stocks
Montana, yellow, bgs.....lb. .12½- .13
Roumanian, yellow.....lb. .15½- .16
Myrobalans, J1, bgs., f.a.s...ton. No price
J2, bgs., f.a.s.....ton. No price
Extract, liquid, 25%, bbls....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. .10 - .10½

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., tanks, works...100 lbs. 2.25 - —
78 deg., tanks, works..100 lbs. 2.50 - —
Refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
pkgs. (16 oz.), same basis..lb. .08½- —
(12 oz.), same basis....pkg. .07 - —
Nerolin, cryst., cns.....lb. 1.35 - 1.50
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Niger seed, bgs.....lb. .15 - .16
Nitercake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dhl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., wks., lb. .23 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester, soluble, 30-35, ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
Lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, l.c.l., dms., works, lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.2158- —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f. o. b. Carrollville, Wis., dlvd..unit-ton. 2.00 Nom.
f.o.b. Chemical, Ill..unit-ton. 2.00 Nom.
f.o.b. East Coast producing points..unit-ton. 2.75 - 3.00
import, bgs., c. i. f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works, lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Alleppo, bgs., oz....lb. No prices
Chinese .....lb. .26 - .28
Extract (see Gall extract).
Nutmegs, E. I., 80s, bgs., cs..lb. .18½- .19
110s, bgs., cs.....lb. .17 - .17½
small, grinding, bgs.....lb. .15 - .15½
West Indian, bgs.....lb. .14¼- .14⅝
Nux Vomica, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .11 - .12

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks .....lb. .03 - —
Ocher (see Yellow).
Octane, 100-140° C., industrial grade, dms., c.l., G. 3, gal. .15 - —
l.c.l., G.3.....gal. .27 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .12½- —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, U.S.P., bots.....lb. 3.50 - 3.75
sweet, true, exp., cns.....lb. 1.75 - 1.90
Amber, crude, cns.....lb. No stocks
ref'd, cns.....lb. No stocks
Amyris, cns.....lb. 3.75 - —
Angelica, root, bots.....lb. No stocks
seed, bots.....lb. 110.00- 120.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .95 - 1.00
Apricot, kernels, cns.....lb. .40 - .48
Avocado, cns., dms.....lb. .80 - .90
Bay, W. I., 50-55% phenols, cns..lb. .90 - 1.25
55-66% phenols, cns.....lb. 1.00 - 1.35
Bergamot, artif., cns.....lb. 2.75 - 9.25
natural, coppers.....lb. 20.00 Nom.
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. .90 - —
rect'fd., cns.....lb. 1.50 - —
Bois de Rose, Brazil, cns..lb. 3.50 - 3.75
Cade USP IX (see Oil Juniper tar).
Cajeput, tech., dms.....lb. .82 - 1.10
USP IX, cns.....lb. .84 - 1.25
USP X, cns.....lb. 1.10 - 1.25
Calamus, cns.....lb. No stocks
Camphor, sassafrassy, cns...lb. .29 - .30
dms. .....lb. .27 - .29
white, cns.....lb. .32 - .33
dms. .....lb. .30 - .31
Cananga, native, cns.....lb. 9.25 -10.00
rectified, cns.....lb. 10.00 -11.00
Capsicum (oleoresin), USP VIII, cns..lb. 3.85 - 5.50
Caraway, USP, cns.....lb. 10.50 -12.00
Cardamom, bots.....lb. 25.50 -35.00
Cassia, USP, cns.....lb. 4.25 - 4.50
Castor, blown, one-way dms., c.l..lb. .13¼- —
l.c.l. .....lb. .14 - —

Molybdenum Metal—Oil, Grapef

Oil, castor, cold pressed, USP, bbls., c.l..lb. .12 - —
l.c.l. .....lb. .12¾- —
cns. (1-gal.), l.c.l.....lb. .15½- —
dms. (returnable), c.l....lb. .11½- —
l.c.l. .....lb. .12¾- —
(5-gal.), l.c.l.....lb. .13½- —
tanks .....lb. .11 - —
dehydrated, dms., c.l.....lb. .1570- —
l.c.l. .....lb. .1610- —
tanks .....lb. .1500- —
extracted No. 3, tech., bbls., c.l..lb. .11½- —
l.c.l. .....lb. .12¼- —
dms. (returnable), c.l....lb. .11¾- —
l.c.l. .....lb. .12 - —
tanks .....lb. .10¾- —
sulphonated, 50% (43% fat), dms., c.l..lb. .07¾- —
l.c.l. .....lb. .08¾- —
75% (63% fat), dms., c.l..lb. .10¼- —
l.c.l. .....lb. .11¾- —
80% (68% fat), dms., c.l..lb. .11 - —
l.c.l. .....lb. .12 - —

Castor oil, USP, and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums ¼c. higher, all points.

Cedarleaf, cs.....lb. 1.03 - 1.38
dms. .....lb. 1.00 - 1.35
Cedarwood, Southern, cns....lb. .30 - .34½
dms. .....lb. .28 - .32½
Celery, bots.....lb. 25.00 -31.00
Chaulmoogra, USP, cns.....lb. .68 - —
Chinawood, dms.....lb. .33¾- —
tanks .....lb. .32½ Nom.
Cinnamon, bark, bots.....lb. 9.75 -32.00
leaf, dms.....lb. .85 - 1.20
Citronella, Ceylon, cns.....lb. .95 Nom.
dms. .....lb. .90 Nom.
Java, cns., dms.....lb. .85 - .90
Clove, makers, USP, cns....lb. 1.20 - 1.25
dms. .....lb. 1.15 - 1.20
Coconut, Manila, crude, tanks, lb. .07½ Nom.
edible, 76°, dms., c.l.....lb. .13 Nom.
l.c.l. .....lb. .13½- .14
tanks .....lb. No prices
Cod, Newf., dms.....gal. .78 - .80
Codliver, med., USP, bbls...bbl. 86.00 -85.00
Coriander, bots.....lb. 23.00 -25.00
Corn, crude, tanks, works....lb. .12 Nom.
ref'd., bbls.....lb. .14¾ Nom.
Cottonseed, cooking, bbls....lb. .14½- —
salad, bbls.....lb. .14¾- —
Creosote (see C).
Croton, N.F., cns.....lb. 2.40 - 3.00
Cubeb, USP, cns.....lb. 3.50 - 3.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -12.00
Cypress, bots.....lb. 12.00 - —
Degrass (see D).
Dill seed, bots.....lb. 5.50 - 6.00
weed, bots.....lb. 5.75 - 6.25
Dip (see L).
Erigeron, cns.....lb. 2.25 - 2.35
Eucalyptus, cns.....lb. .68 - .73
dms. .....lb. .65 - .70
Fennel, sweet, cns.....lb. 2.50 - 2.75
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 15.00 - —
Bourbon, cns.....lb. 13.00 - —
Turkish (see Palmarosa)
Grapefruit, cns.....lb. 1.65 - 2.65

★ SPOT DELIVERIES ★

SODIUM HYPOSULPHITE

ZINC SULPHATE • COPPER CARBONATE

WHITE HEAVY CALCINED MAGNESIA • NICKEL CHLORIDE

WHITE CALCINED MAGNESITE • NICKEL SULPHATE

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Oil, Grapeseed—Olivine

Oil, grapeseed, dom., dms.....lb. .35 - .36
imported, dms.....lb. .15 - .20
Ginger, dist., bots.....lb. 5.75 - 9.50
Guaiac wood, concrete, bots..lb. 2.75 - 4.50
Halibut liver, ref., dms....gal.36.00 - —
Hemlock, cns.....lb. .95 - 1.15
Juniper, berry, cns.....lb.15.00 - —
wood, tech., cns.....lb. No stocks
Juniper tar, USP XI, dms...lb. .72 - .95
Lard, common, 1, bbls.....lb. .12¼- —
2, bbls.....lb. .11¾- —
extra, bbls.....lb. .12¾- —
1, bbls.....lb. .12¼- —
Winter, strained, bbls....lb. .12¾- —
prime, burning, bbls.....lb. .13½- —
prime, ined., bbls.....lb. .13 - —
Laurel, bots.....lb. 5.00 Nom.
Lavandin, cns., 25 lbs.....lb. No stocks
Lavender flower, French, 50% ester, cns..lb. No prices
33-42% ester, cns.....lb.10.00 -10.25
35-38% ester, cns.....lb. No prices
30-32% ester, cns.....lb. No prices
garden, cns.....lb. .55 - .70
spike, Spanish, tech., cns..lb. 2.70 - 3.00
dms.....lb. 2.60 - 2.90
Lemon, Calif., cns.....lb. 3.25 -
Messina, coppers, cns.....lb. 5.50 - 6.50
Terpeneless, Type 1.....lb.16.75 -17.00
Type 2.....lb. 8.50 -15.00
Lemongrass, native, cns., dms., lb. 1.85 - 1.90
Lime, dist., cns.....lb. 5.75 - 7.25
expressed, cns.....lb. 8.00 -10.75
Terpeneless .....lb.46.50 -78.00
Linaloe, wood, cns.....lb. 3.25 - 3.40

Oil, linseed, raw, dms., c.l.....lb. .1110— .1130
l.c.l., 10 to 69.....lb. .1150- —
5 to 9.....lb. .1170- —
less than 5.....lb. .1190- —
tanks .....lb. .1020- .1040
boiled linseed oil .004 cent over raw.
Lovage, extra fine, bots.....lb.85.00 - —
Lubricating, at refinery, ex tax
California, neutrals, pale, 200-600 vis., 2½-4, tanks, gal. .07¼- .11
red, 200-900 vis., 4-6⅞ plus, tanks..gal. .07¼- .11⅛
Group 3, bright stocks, 100-210 D, 0-25 pour, tanks, gal. .19 - .24
neutral, 150-400 vis., 3-3½, 0-10 pour, tanks..gal. .11½- .17
200-280 vis., 5, 15-25 pour, tanks..gal. .11½- .13½
Pennsylvania, bright stocks, 8 color, 140-150 vis., 10-25 pour, tanks..gal. .25 - .29½
cylinder oils, 600-630 flash, tanks..gal. .14 - .17
600 - 650 steam ref'd. tanks..gal. .13½- .16
neutral, 70° F., 3 color, 150 vis., 0-25 pour, tanks..gal. .31 - .38½
200 vis., 0-25 pour, tanks, gal. .33 - .40
Mace, dist., cns., dms.....lb. 2.15 - 2.65
Mandarin, Brazilian, cns....lb. 8.00 - —
Italian, coppers.....lb. 9.55 - —
Menhaden, crude, tanks, fut., Balto..gal. .55 Nom.

Oil, menhaden, ref'd alkali, dms., lb. .1140- —
kettle-boiled, dms.....lb. .1240- —
light-pressed, dms.....lb. .1040- —
tanks .....lb. .0940- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, bots., cns., lb. 1.45 - 1.60
dist., natural, bots.....lb. 9.50 -10.00
Neatsfoot, 20° cold test, bbls., lb. .26½ Nom.
extra, bbls.....lb. .12½- —
1, bbls.....lb. .12¼- —
prime, bbls.....lb. .12¾- —
pure, bbls.....lb. .17¾- —
Neroli, bots.....lb.200.00 -375.00
Nutmeg, dist., cans, dms....lb. 2.15 - 2.65
Oiticica, liquid, dms.....lb. .20½- .21
tanks .....lb. .20 - —
Oleo, 1, bbls.....lb. .11¾- —
2, bbls.....lb. .12⅛- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., dms.....gal. 3.85 - 4.00
edible, Calif., dms.....gal. 4.75 - 5.00
imported, dms.....gal. 5.55 - 5.70
foots, dms.....lb. .16¾- .17⅛
sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
75% (63% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Orange, sweet, dist., cns.....lb. 1.60 - —
expressed, Calif., cns....lb. 3.00 - —
Florida, cns.....lb. 2.85 - 2.90
Messina, USP, coppers...lb. 8.00 Nom
West Indies, cns.....lb. 4.75 - 6.00
terpeneless .....lb.35.00 -175.00

Oil, origanum, cs.....lb. 1.50 - 2.45
Palm, Niger, dms.....lb. .07¾ Nom.
Sumatra, tanks.....lb. .07 Nom.
distant ship't., bulk.....lb. .04½ Nom.
Palmarosa, cns.....lb. 3.15 - 3.50
Paraffin, 320° flash, 60-70 vis., tanks, G. S..gal. .05¾- —
350° flash, 70-80 vis., tanks, G. S..gal. .05½- —
80-85 vis., bbls., extra, ind. ref'y..gal. .12 - —
100-105 vis., bbls., extra, ind. ref'y..gal. .14 - —
300° flash, 100-110 vis., tanks, G. S..gal. .05¾- —
Patchouli, bots., cns.....lb. 5.50 - 8.00
Peanut, crude, nom., tanks..lb. .11½ Nom.
refd., edible, bbls.....lb. .15 Nom.
Pennyroyal, dom., cns.....lb. 2.50 - 2.65
import, cns.....lb. 2.40 - 2.75
Peppermint, natural, cns., dms.• lb. 3.75 - 4.00
redist., USP, cns., dms....lb. 4.00 - 4.25
Perilla, dms.....lb. .21 - .21½
tanks .....lb. .20 - —
Petitgrain, Paraguay, cns...lb. 1.45 - 1.50
dms. .....lb. 1.40 - 1.45
Pimento berry, cns.....lb. 4.25 - 5.50
leaf, cns.....lb. 2.25 - 2.75
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .65 - —
steam-dist., dms.....gal. .61 - .65
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. 1.75 - 1.80
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Boston, Providence, gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, tax incl., dms.....lb. .15½- .15⅝
tax not incl., tanks.....lb. .10 - —
blown, dms.....lb. .17½ Nom.
Red, dist., or saponif., dms., dlvd..lb. .11½- .12¼
tanks, dlvd.....lb. .10⅝- —
Rose, synth., bots.....lb. 4.00 -60.00
natural, coppers.....oz.16.75 -20.00
Rosemary, Spanish, cns.....lb. .88 - 1.03
dms. .....lb. .85 - 1.00
Rosin, 1st rectified, dms..gal. .48 - —
2d rectified, dms.....gal. .50 - —
3d rectified, dms.....gal. .54 - —
Rue, bots.....lb. 7.25 - —
Sage, cns.....lb. 7.50 Nom.
Sandalwood, domestic distilled, USP, cns..lb. 4.65 - 5.00
Mysore, cns., case lots....lb. 5.40 - 5.58
Sardine, crude, fut., tanks, Pac. Cst..gal. .57½ Nom.
refd., alkali, dms.....lb. .1140- —
kettle-boiled, dms.....lb. .1240- —
light-pressed, dms.....lb. .1040- —
tanks .....lb. .0940- —
Sassafras, artif., cns.....lb. .78 - 1.30
dms. .....lb. No prices
natural, dom., cns., dms...lb. 1.05 - 1.20
Brazilian, dms.....lb. .75 - —
Savin, cns.....lb. No stocks
Seal, tanks.....gal. .72 - —
Shark, tanks.....gal. .71 - —
Savory, cns.....lb. No stocks
Shark liver, crude, dms..million vitamin units. .10 - —
Sesame, crude, coast, tanks..lb. .10¾ Nom.
Shingle stains, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 8.50 -10.00
Soybean, dom., crude, dms..lb. .11½- .12
tanks .....lb. .10 Nom.
refd., dms.....lb. .11⅞- .12½
tanks .....lb. .11⅜ Nom.
Spearmint, dms.....lb. 2.55 - 2.80
Sperm, bleach, 38°, dms.....lb. .1220- —
45°, dms.....lb. .1150- —
natural, dms.....lb .1100- —
Spruce, cns., dms.....lb. .95 - 1.25
Sweet, birch, North, cns.....lb. 2.50 - 3.25
South, cns.....lb. 1.60 - 1.75
Tall crude, dms., c.l., works. ton.40.00 - —
l.c.l., works.....ton.45.00 -50.00
tanks, works.....ton.30.00 - —
distilled, dms., c.l., dlvd...lb. .05½- .07
l.c.l., dlvd.....lb. .06½- .08¼
tanks, dlvd.....lb .05 - .06⅝
refined, dms., c.l., works...lb. .04 - —
l.c.l., works.....lb. .04½- —
tanks, works.....lb. .03½- —
Tallow, acidless, bbls.....lb. .12 - —
tanks .....lb. .11½- —
Tansy, cns.....lb. 3.55 - 4.25
Tar, pine, com'l, dms., c.l., dlvd. E. cities..gal. .28 - —
E. ports, c.l.....gal. .27½- —
l.c.l. .....gal. .31 - —
tanks, dlvd. E. cities..gal. .21 - —
rectfd., USP, bbls., l.c.l., dlvd. E. ports..gal. .55 - —
Tar acid (see T).
Teaseed ,crude, dms.....lb. .24 Nom.
refined, dms.....lb. .27 Nom.
Tea tree (see Oil, Ti tree).
Thyme, NF, red, cns.....lb. 1.85 - 2.20
white, cns.....lb. 1.95 - 2.35
Tung (see Oil, Chinawood).
Ti tree, cns.....lb. 2.50 - 2.65
Turkey red (see castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 8.50 - —
Vetiver, Java, bots.....lb. 8.75 -11.60
Whale, ref., natural, dms...lb. .1010- —
winter, bleach, dms.....lb. .1050- —
Wheat germ, cns., dms.....gal.17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms..gal. .34 - .43
65-75 vis., dms.....gal. .35 - .44
80-90 vis., dms.....gal. .36 - .45
USP, 80-90 vis., dms..gal. .38 - .47
95-105 vis., dms.....gal. .43½- .52½
125-135 vis., dms.....gal. .49 - .58
140-150 vis., dms.....gal. .51 - .60
175-185 vis., dms.....gal. .54½- .63½
200-210 vis., dms.....gal. .57½- .66½
320-330 vis., dms.....gal. .65 - .74
335-345 vis., dms.....gal. .66 - .75
Russian, 80-90 vis., dms...gal. No prices
145-155 vis., dms.....gal. No prices
175-185 vis., dms.....gal. No prices
335-345 vis., dms.....gal. No prices
Wintergreen, natural, North. cns..lb. 4.75 - 6.00
South, cns.....lb. 3.50 - 3.85
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.20 - 2.70
Wormwood, cns.....lb. 4.50 - 5.00
Ylang-ylang, Bourb., bots., cns. lb. No stocks
Manila, bots.....lb.35.00 -40.00
Olivine, aggregate c.l. mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bags, c.l., wks..ton. 9.50 - —

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The products available will be of considerable interest to the perfumer. Here are just a few:

Cyclamal An Aldehyde of great strength, valuable in most floral compositions. For the finest perfumes as well as in soaps and cosmetics. Particularly valuable in odors of the type of Lily of the Valley and Lilac.

Citronal A fresh clean lemon odor of interest today because of the shortage of Oil of Bergamot and Oil of Lemon. Very stable and free from the objectionable by-odors found in Citral. Produces a lasting lemon odor in soaps and creams. Also of great interest in the manufacture of fine Eau de Colognes.

Floranol A single chemical with a fruity rose note. Mild, very persistent, harmonizes the other ingredients in a perfect composition. Soap fast. Often used in Tea Rose type soap odors. Will not discolor in creams or soaps.

Phenyl Acet Aldehyde Di Methyl Acetal Enjoying great popularity. Fine rose leaf note makes it very interesting in many floral compositions. Very lasting in soaps. Gives a pleasing lift to any odor.

Phenyl Ethyl Alcohol Extra Fine A special high grade for use in fine perfumes and cosmetics.

Ionone Complete and Ionone Methyl The basis of Violet odors.

Indol

Para Cresol Methyl Ether In Oil Ylang Ylang Artificial.

Para Cresol Ethyl Ether In Oil Ylang Ylang Artificial.

Ethyl Phenyl Glycidate A Pineapple Base.

Ethyl Phenyl Methyl Glycidate A Strawberry Base.

Hydratropic Aldehyde A Hyacinth aroma.

Di Methyl Acetal of Hydratropic Aldehyde Softer and more delicate than Hydratropic Aldehyde.

Product GL-4C A non-toxic wetting agent and detergent with excellent foaming qualities for liquid dentifrices, soapless shampoos, brushless shaving creams, etc.

The above products together with our already extensive list of American made aromatics enable the perfumer to create perfumes for soaps and cosmetics and maintain a high standard for his finished product.

Aromatics Division

GENERAL DRUG COMPANY

644 PACIFIC STREET, BROOKLYN, N. Y.

9 SOUTH CLINTON STREET, CHICAGO TRANSPORTATION BUILDING, LOS ANGELES

1019 ELLIOTT STREET, W., WINDSOR, ONT

Olivine, ground, 325 mesh, c.l., mines..ton. 20.00 - —
200 mesh, c.l., mines....ton. 17.00 - —
100 mesh, c.l., mines....ton. 15.00 - —
20 mesh to dust.....ton. 12.00 - —
Opium, gum, USP, 50-lb. lots, cns..lb. 11.50 - —
25-lb. lots, cns.....lb. 11.75 - —
5-lb. lots, cns.....lb. 12.00 - —
1-lb. lots, cns.....lb. 12.15 - —
Prices on powd. and gran. USP opium are $1 per pound higher.
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .11¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., Wash..lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¾- —
Other points.....lb. .11¼- —
smaller lots, dlvd., Ala., etc..lb. .12 - —
Ariz., etc.....lb. .12½- —
Colo., Mont., N. M., Wyo..lb. .12¾- —
Other points.....lb. .11¾- —
French, Tours, casks, ex dock, lb. No prices
kgs., ex dock.....lb. No prices
Orange, molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .30 - —
Orangeflower petals, cs.....lb. .45 - .50
Orange peel, bitter, bls.....lb. .09 - .10
sweet, bls.....lb. .10 - .12
Haitain, bgs.....lb. .07½- .08
Orris root, Florentine, bgs....lb. 2.00 Nom.
fingers, cs.....lb. No stocks
powd., bbls., bxs.....lb. 2.25 Nom.
Verona, bls.....lb. 2.00 Nom.
powd., bgs., cns.....lb. 2.25 Nom.
Orthoamylphenol, l.c.l., dms., works..lb. .15 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloraniliu, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works..lb. .17 - —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - .07
l.c.l., same basis.....lb. .07 - .08
100-lb. tins, same basis.lb. .08 - .09
50-lb. tins, same basis..lb. .09 - .10
tanks, same basis.....lb. .06½- .06¼
Orthodichlorobenzene prices west of Rockies, 1c. per lb. higher.
Orthonitroaniliu, dms.....lb. .85 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol,cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .80 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bgs....lb. .21 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2..lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 3.50 - 3.75
Paprika, Algerian, bgs.....lb. .32½- .33
Bulgarian, bgs.....lb. .26 - .29
Portuguese, fancy, bgs.....lb. .35½- .36
good, bgs.....lb. .33½- .34
Spanish, extra fancy, cs....lb. .42 - .42½
medium, cs.....lb. .39½- .40
Parachlorophenol, dms.....lb. .32 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l.....lb. .12½- .13½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla. refy..lb. .05½ Nom.
bbls., c.l., N.Y.....lb. .06½ Nom.
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .05½ Nom.
bbls., c.l., N.Y.....lb. .05½ Nom.
yellow, 124-126 A.m.p., bbls., c.l., N.Y..lb. .05½ Nom.
fully refd., 123-125 A.m.p., bgs., c.l..lb. .0570 Nom.
128-130 A.m.p., bgs. or loose, c.l..lb. .0570 Nom.
131-133 A.m.p., bgs. or loose, c.l..lb. .0595 Nom.
133-135 A.m.p., bgs. or loose, c.l..lb. .0625 Nom.
135-137 A.m.p., bgs. or loose, c.l..lb. .0650 Nom.
138-140 A.m.p., bgs. or loose, c.l..lb. .0725 Nom.
143-145 A.m.p., bgs. or loose, c.l..lb. .0820 Nom.
151-153 A.m.p., bgs., or loose, c.l..lb. .15 Nom.
Refined paraffin prices in cases are ¼c. lb higher than bags price; solid in tankcars is 5c. lower. Prices are for contract delivery.
match, A.m.p., up to and incl. 110-112 bbls., c.l..lb. .08½- —
Semi-refd., solid, 122-124 A.m.p., bgs..lb. .06 Nom.
Paraformaldehyde, dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C..lb. .23 - —
100 to 900 lbs., shipments, same basis..lb. .24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works..lb. .12 - —
5 and 10-gal. dms., works..lb. .15 - —
USP, cs., cbys.....lb. .37 - .45
Paranitrophenol, kgs.....lb. .35 - —
Paranisidine, dms.....lb. .75 - —
Paranitroaniliu, kgs., works...lb. .45 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrotoluene, kgs.....lb. .30 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .45 - —
Pareira brava root, bls.....lb. .20 - .21
Paris green, dealer, dms., kegs, c.l., f.o.b. wks., frt. alld..lb. .24 - .26
l.c.l., same basis.....lb. .25 - .27
Passion flower, herb, bls.....lb. .06 - .07
Patchouli leaves, bls.....lb. .28 - .30
Pellitory root, bls.....lb. .30 - .32
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol, C.P., bbls., dlvd, lb. .75 - —
less than barrel lot.....lb. 1.00 - —
tech., bbls., dlvd.....lb. .33½- .35½
less than barrel lots.....lb. .40 - —
Pentaerythritol tetra acetate, bbls., dlvd..lb. 1.00 - —
less than barrel lot.....lb. 1.50 - —

Pentanes, 28°-38° C., industrial grade, dms., c.l., G.3, gal. .11 - —
l.c.l., G.3.....gal. .19 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3, gal. .16 - —
l.c.l., G.3.....gal. .27 - —
10 gals., G.3.....gal. .55 - —
Pepper, black, Alleppy, bags..lb. .08¾- .09¼
Lampong, bgs.....lb. .0635- .0665
Tellicherry, bags.....lb. .08½- .09
white, Java, Muntok, bags..lb. .11 - .11½
Muntok, small berry, bags.lb. .10¾- .11¼
red, chillies, Japan, Montaka..lb. .28 - .29
Mombassa, bgs.....lb. .24 - .24½
Sierra Leone, bgs.....lb. .24 - .24½
Peppermint leaves, dom., bls..lb. .70 - .75
import, bls.....lb. 1.25 Nom.
Perchlorethylene, dms., c.l., works, frt. alld., zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..bl. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
All prices on perchlorethylene are frt. alld with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states - Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.
Peru, balsam, dms.....lb. 1.35 - 1.40
Petrolatum, amber, dms.....lb. .03½- —
l.c.l.....lb. .04½- —
amber, extra, dms.....lb. .03¾- —
l.c.l.....lb. .04¾- —
white, cream, dms., c.l.....lb. .05 - —
l.c.l.....lb. .06½- —
lily, dms., c.l.....lb. .05¾- —
l.c.l.....lb. .07¼- —
snow, dms., c.l.....lb. .06½- —
l.c.l.....lb. .08 - —
Petroleum, crude, bulk, at wells:—
California.....bbl. .43 - 1.71
Canada.....bbl. 1.08 - 1.70
Central West:—
Illinois.....bbl. 1.37 - —
Ohio.....bbl. 1.06 - 1.18
Michigan.....bbl. 1.17 - 1.44
Indiana.....bbl. 1.22 - —
East Texas.....bbl. 1.25 - —
Gulf Coast.....bbl. 1.06 - 1.48
Kentucky, Tennessee.....bbl. 1.22 - 1.43
Louisiana, Arkansas.....bbl. .94 - 1.36
Mexico.....bbl. No prices
Midcontinent (Oklahoma, Kansas, North Texas).....bbl. .75 - 1.25
Pennsylvania, Ohio, West Virginia:—
Bradford, Allegany....bbl. 2.98 - —
Corning.....bbl. 1.31 - —
N. Y. Transit lines....bbl. 2.98 - —
Eureka lines.....bbl. 2.59 - —

Olivine—Pet. Lacquer Dil.

Petroleum, crude, bulk, at wells, Pennsylvania, S. W. Penn lines..bbl. 2.65 - —
Lower district in National Transit lines..bbl. 2.63 - 2.68
Rocky Mountains.....bbl. .90 - 1.20
South Central and Southwestern Texas..bbl. 1.03 - 1.50
Texas Panhandle, W. Texas and N. Mexico.....bbl. .70 - 1.27
Ether, laboratory grade, 30-60°C, c.l..gal. .16 - —
l.c.l.....gal. .27 - —
10 gals.....gal. .55 - —
35-60°C., l.c.l.....gal. .27 - —
10 gals.....gal. .55 - —
40-75°C., c.l.....gal. .16 - —
l.c.l.....gal. .27 - —
10 gals.....gal. .55 - —
Petroleum ether prices are spot quotations, f.o.b. Group 3, for material packed in drums.
Lacquer, diluent, at refinery:—
California, 100 l.b.b., 200 e.p., tanks, dlvd., Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
Willbridge, Ore., Fort Wolles, Wash..gal. .12 - —
East Coast, N. Y., tanks, gal. .10½- —
N. J., tanks.....gal. .11 - —
Group 3, toluol type, tanks, gal. .07¾- .08¼
Benzol type, tanks..gal. .07¾- .08¾

Exchange

OIL OF LEMON U·S·P·

Outsells ALL OTHER BRANDS COMBINED 3 to 1

Sold to the American Market Exclusively by

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK, N. Y.

FRITZSCHE BROTHERS, INC.
76 NINTH AVENUE, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

Copr., 1940, California Fruit Growers Exchange, Products Department

Pet., Mineral Spt.—Rochelle Salt

Petroleum, mineral spirits at refinery, California (f.o.b. San Francisco), 106 - 252 b.r., tanks..gal. .10½- —
198-290 b.r., tanks...gal. .10½- —
246-397 b.r., tanks...gal. .10½- —
313-408 b.r., tanks...gal. .09 - —
363-458 b.r., tanks...gal. .09 - —
East Coast, N. Y., tanks, gal. .09 - —
N. J., tanks.....gal. .09½- —
Group 3, tanks.....gal. .06½- —
Gulf Coast, tanks.....gal. .06½- —
Tankwagon:—
Albany .....gal. .13½- —
Baltimore (100 gals.)..gal. .14 - —
25-99 gals.....gal. .16 - —
Boston .....gal. .1380- —
Bound Brook, North Amboy, N. J..gal. .13½- —
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .15½- —
Camden, N. J.....gal. .10 - .11½
Chicago .....gal. .1670- —
Decatur .....gal. .1810- —
Des Moines.....gal. .1790- —
Evansville, Ind.....gal. .1420- .1530
Milwaukee .....gal. .1930- —
Minneapolis-St. Paul..gal. .19½- —
Newark .....gal. .09½- —
New York (200 gal.)..gal. .10 - —
Omaha .....gal. .12½- —
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .12 - —
Rochester .....gal. .12½- —
St. Louis.....gal. .1470- —
Syracuse .....gal. .10½- —
Trenton .....gal. .10½- —
Wilmington, Del.....gal. .12½- —

Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. Y., tanks, gal. .10 - —
N. J., tanks.....gal. .10½- —
Group 3, tanks.....gal. .07½- —
Gulf Coast (f.o.b. New Orleans), tanks..gal. .06¾-
tankwagon, Boston, ex tax, gal. .1380- —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax..gal. .18 - —
Decatur, inc. 4c. tax..gal. .1910- —
Des Moines, inc. 4c. tax, gal. .1890- —
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10½- —
New York, ex tax....gal. .11 - —
Omaha, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .12 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 150 gals...gal. .14½- —
smaller lots, galv. drums, gal. .10 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21½- —
8, same basis.....gal. .22½- —
8, tanks, f.o.b. Paulsboro, N. J..gal. .16½- —
30, same basis.....gal. .17½- —
40, same basis.....gal. .17¾- —

V.M.&P., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, N. Y., tanks, gal. .10 - —
N. J., tanks.....gal. .10½- —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston, ex tax, gal. .1480- —
Chicago, inc. 4c. tax..gal. .17 - —
Des Moines, inc. 4c. tax, gal. .1890- —
Decatur, inc. 4c. tax..gal. .1910- —
Evansville, Inc., ex tax, gal. .1520- .1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11½- —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .1490-.1590
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax..gal. .1570- —

Solvent, rubber, at refinery, California (f.o.b. San Francisco). gal. .24 - —
East Coast, N. Y., tanks, gal. .10 - —
N. J., tanks.....gal. .10½- —
Group 3, tanks.....gal. .07½- —

Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. Y., tanks, gal. .09 - —
N. J., tanks.....gal. .09½- —
Group 3, tanks.....gal. .06¾- —
Tankwagon, Boston, ex tax, gal. .1430- —
Chicago, inc. 4c. tax..gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax, gal. .1840- —
Evansville, Ind., ex tax, gal. .14 - .15
Milwaukee, inc. 5c. tax.gal. .1980- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax....gal. .10 - —
Omaha .....gal. .1360-.1450
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax..gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11½

Phenobarbital, 5-lb. bots.....lb. 4.35 - —
bots. or cns., 100 lbs., spot or contract..lb. 4.00 - —
25-lb. cns.....lb. 4.25 - —

Phenol, USP, dms., c.l., works, frt. equald..lb. .12½- —
l.c.l., same basis.....lb. .13½- —
under 1,000 lbs.....lb. .14½- —
tanks, works.....lb. .11½- —

Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89

Phenolphthalein, yellow, fib. dms., 2,000-lb. lots..lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —

Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 4.00 - 4.10
dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 2.50 - 2.75
Phenylethylphenyl acetate, bots, lb. 8.00 -15.00
Phenylhydrazine, base, CP, bots, lb. 4.55 - —
hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works.....lb. 1.75 - —
Phlorogiucinol, CP, tins, wks..lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 76% min..long ton. No prices
land-pebble, 68% min. long ton. 2.00 - —
70% min.....long ton. 2.30 - 2.40
72% min.....long ton. 2.75 - 3.00
Tenn., 72% min.....long ton. 4.50 - —
75% min.....long ton. 5.50 - —
Phosphate rock prices are for shipment in bulk, f.o.b. mines.
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, ton..lb. .35 - —
single, bbls., works.... ..lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. all. E. of Miss. R...lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .09
Pilocarpine hydrochloride, bots., vis..oz. 3.25 - 3.75
Nitrate, bots.. vis.....oz. 3.25 - 3.75
Pimento, Jamaica, bgs.....lb. .22 - .23
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. .41 - —
Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Hardwood, 1-time dms., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pitch, pine, bbls.....bbl. 6.75 - 7.00
Plaster of Paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 5.25 - —
Poke root, bls.....lb. .09 - .10
Polyamyl naphthalene, l.c.l., dms., works..lb. .25 - —
Pomegranate bark, bgs.....lb. .49 - .50
Root bark, bgs.....lb. .60 - .65
Poppy flowers, red, bls.....lb. .70 - .75
Seed, Dutch, bgs.....lb. .42 - .44
Roumanian, bgs.....lb. .37 - .38
Turkish, bags.....lb. .32½- .33½
Potash abietate.....lb. .68 - —
Acetate, USP, bbls., 250 lbs..lb. .28 - —
cns., 25 lbs.....lb. .31 - .44
Arsenite, USP, solut., 100-lb. lots, cbys., demijs..lb. .13 - .15
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .15 - —
gran., bbls., 250 lbs.....lb. .15 - —
Bichromate, spots, c.l., works, lb. .09¾- —
6 casks or 10 bbls., or over, works..lb. .09¾- —
5 casks or 9 bbls., or less, works..lb. .10 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .28 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - .16
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03½- .03¾
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .11 Nom.
pwd., kgs.....lb. .09¾- .10
Chloride, tech., 98%, cryst., bgs., kgs..lb. .08 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., 250-lb. bbls., lbs..lb. .33½- —
100-lb. dms.....lb. .34½- —
50-lb. dms.....lb. .35½- —
25-lb. dms.....lb. .37½- —
powd., 3c. per lb. higher.
Cyanide, dom., dms., works..lb. .55 - —
Cyanide, gold, 41% gold, bots., works..oz. 14.20 -14.95
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.50 - —
100-lb. lots.....lb. 1.60 - —
50-lb. lots, cbys. or cns..lb. 1.65 - —
25-lb. lots, cns.....lb. 1.75 - —
Guaiacolsulphonate, fib. dms., 100-lb. lots..lb. 1.75 - —
25 lbs. to 50 lbs.....lb. 1.80 - 1.85
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs..lb. .32 - .34
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots. or cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices
Manure salt, dom., run-of-mine grade, bulk, ex vessel, ports, unit-ton. .60 - —
f.o.b. Carlsbad, N.M. unit-ton. .20 - .21
import, 30%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices
Metabisulphite, kgs.....lb. .21 Nom.
Muriate, dom., min. 50% K_2O, bulk, ex vessel, ports.. unit-ton. .56 - .58
min. 60% K_2O, same basis.. unit-ton. .53½- —
import, min. 50% or 60% K_2O, bulk, ex vessel, Atlantic or Gulf ports..unit-ton. No prices

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above.

Oxalate, pure, cryst., kgs.....lb. .40 - .42
tech., bbls., dms.....lb. .28 - .30
Nitrate, crude, bgs., c.i.f. ports, ton. No prices
Perchlorate, kgs., wks.....lb. .09½- .11
Permanganate, tech., dms., wks, lb. .19¾- .20¼
USP, dms., wks.....lb. .20½- .21
Prussiate, red, bbls.....lb. No prices
Yellow, spot, bbls.....lb. .17 - .19
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lumps, bgs, lb. .07 - —
Sulphate, NF, powd., 350 lbs., bbls..lb. .15 Nom.
100-lb. kgs.....lb. .17 - —
Prices on granular 4c. higher.
tech., dom., bulk basis, 90%, K_2SO_4, ex vessel, ports..ton. 36.25 - —
imp., min., 90%, bgs., ex vessel, Atl. or Gulf ports..ton. No prices
Xanthate, dms., c.l.....lb. .12 - —
Potash-magnesia, sulphate, dom., bulk, 40%, K_2SO_4, ex vessel, ports..ton. 26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .42
Potash titanium oxalate, 350-lb. bbls..lb. .40 - —
100-lb. dms.....lb. .40 - —
Prickly ash bark, bls.....lb. .12 - .13
Berries, bgs.....lb. .25 - .26
Prince's pine herb, bls.....lb. .22 - .23
Procaine, hydrochloride, 25-lb. cns., lb. 8.00 - —
5-lb. cans.....lb. 8.25 - 8.50
1-lb. bots.....lb. 8.75 - —
Propane, tanks, Group 3 ...gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .85 - .90
Pumice, dom., grd., fine, 4F, 2F, F, O, bgs., 5 tons and up..lb. .03¼- —
1-4 tons.....lb. .03¾- —
500-2000 lbs.....lb. .03¾- —
under 500 lbs.....lb. .04 - —
coarse, O½, ½, 1, 1½, 2, 3, bgs., 5 tons and up, lb. .03½- —
1-4 tons.....lb. .03¾- —
500-2000 lbs.....lb. .03¾- —
under 500 lbs.....lb. .04¼- —
Imp., Italian.....lb. No prices
Pumice stone packed in barrels is ½c. per lb. higher than the above prices.
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd. .gal. 4.40 - 4.60
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd..gal. 6.60 - —
Pyrethrum flowers, coarse, grnd. (g.f.p), 9% pyrethrins, frt. alld., bbls..lb. .20 - .21
fine powd., 9% pyrethrins, frt. alld., bbls..lb. .21 - .22
Pyridin, denaturing, dms.....gal. 1.71 - —
refd., 2°, dms.....lb. .48 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. No prices
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophylite, standard, 200 mesh, c.l., mines..ton. 9.00 - —
325 mesh, same basis.....ton. 12.00 - —
No. 3, 200 mesh, c.l., mines.ton. 7.50 - —
325 mesh, same basis.....ton. 12.00 - —
Pyroxylin scrap amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
china white, ivory, cs., works, lb. .13 - —
dense, white, cs., works....lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaques, cs., works..lb. .04 - —
translucent pastels, cs., works, lb. .10 - —
transparent, cs., works.....lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works, lb. .16 - —
colors, mixed, cs., works...lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .06 - .08
Quebracho extract, liquid, 35% tan, bbls., works..lb. .05½- —
tanks, works.....lb. .05 - —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04¾- —
clarified, 64%, bgs., c.l., same basis..lb. .05 - —
pwd., bgs., c.l.....lb. .10 - —
l.c.l., bgs.....lb. .10½- —
Queen of the meadow leaves, bgs..lb. .07½- .08
Root, bgs.....lb. .10 - .11
Quercitron, crystals, bgs.....lb. .24 - —
extract, bgs, No. 1.....lb. .09 - —
No. 2.....lb. .08½- —
No. 3.....lb. .08 - —
solid, bxs.....lb. .17 - —
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y. flask. 195.00 -200.00
Quince seed, bgs.....lb. 1.10 - 1.15
Quinidine, N.F.V., cryst., cns.oz. 1.06 - —
powd., precip., cns.....oz. 1.01 - —
Sulphate, cns.....oz. .71 - —
Subject to surcharge of 8½c. per oz; see note under Quinine.
Quinine, 100 ozs., cns.....oz. .84 - —
Acetate, cans.....oz. 1.05 - —
Arsenate, cns.....oz. 1.05 - —
Arsenite, cns.....oz. 1.07 - —
Bisulphate, cns.....oz. .66 - —
Citrate, cns.....oz. .78 - —
Dihydrobromine, bots.....oz. .82 - —
Dihydrochloride, bots.....oz. .82 - —
Ethylcarbonate, cns.....oz. .85 - —
Ferrocyanide, cns.....oz. 1.07 - —
Formate, cns.....oz. 1.00 - —
Hydrochlorosulphate, cns....oz. .81 - —
Glycerophosphate, cns.....oz. 1.20 - —
Hydrochloride, cns.....oz. .76 - —
Hydroiodide, cns.....oz. 1.05 - —
Hypophosphite, cns.....oz. 1.07 - —
Phosphate, cns.....oz. .90 - —
Salicylate, cns.....oz. .79 - —
Sulphate, USP, XI, cns.....oz. .67 - —
Sulphocarbolate, cns.....oz. 1.05 - —
Tannate, cns.....oz. .68 - —
Valerate, cns.....oz. .99 - —
Tartrate, cns.....oz. 1.03 - —
Quinine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expense over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .81 - —
Subject to surcharge of 8½c. per oz; see note under Quinine.

R

R salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Argentine, bgs.....lb. .07¾- .08¼
Dutch, bgs.....lb. No stocks
Indian, medium, recleaned, bgs., lb. .07½- .08
Japanese, bgs.....lb. No stocks
Raspberries, dried, bls.....lb. .55 - .60
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots.....lb. .95 - —
kgs., ton lots.....lb. .95 - —
smaller lots.....lb. 1.00 - —
light shade, bbls., ton lots, lb. .75 - —
smaller lots.....lb. .80 - —
kgs., ton lots.....lb. .80 - —
smaller lots.....lb. .85 - —
light-medium shade, bbls., ton lots..lb. .80 - —
smaller lots.....lb. .85 - —
kgs, ton lots.....lb. .85 - —
smaller lots.....lb. .90 - —
maroon shades, bbls., ton lots, lb. 1.00 - —
smaller lots.....lb. 1.05 - —
kgs., ton lots.....lb. 1.05 - —
smaller lots.....lb. 1.10 - —
medium shade, bbls., ton lots, lb. .85 - —
smaller lots.....lb. .90 - —
kgs., ton lots.....lb. .90 - —
smaller lots.....lb. .95 - —
Cadmium, lithopone quotations are prices at the works, with frt. alld.
Selenide, bbls., light, works.lb. 2.35 - —
maroon, works.....lb. 2.90 - —
Carmine, 40, dms., 100 lbs...lb. 4.60 - —
50 lbs.....lb. 4.75 - —
cns., 5 lbs.....lb. 5.25 - —
1 lb.....lb. 5.35 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.25 - —
Fire toner, bbls.....lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..bbl. .09¼- —
80-85%, bbls., same basis...lb. .07¾- —
Iron oxide (see Red oxide).
Lacquer maroon, bbls., same basis..lb. 1.25 - —
Lake C toner, bbls., same basis, alizarin, lake, contracts..lb. .90 - —
open order.....lb. .90 - —
Litho toner, bbls., same basis, alizarin, lake, contracts..lb. .55 - —
open order.....lb. .60 - —
Rose lake, bbls.....lb. .20 - .23
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis, alizarin lake, contracts..lb. 1.10 - —
Maroon lake, 25%, kgs., same basis, alizarin lake, contracts..lb. .40 - —
Mercury oxide, tech., bbls., 10,000 lbs..lb. 3.09 - —
smaller lots.....lb. 3.11 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .09 - —
Oxide, reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St., Louis, Copley, Ohio.....lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08¼- —
Para, toner, concent., kgs, same basis, alizarin lake, contracts..lb. .70 - —
open order.....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l..lb. No prices
Phloxin toner (see Red, Eosin-toner)
Phosphotungstic rhodamine, Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03¼- —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, Grade 1, c.l., bbls., f.o.b. N.Y..lb. .04¾- —
l.c.l. .....lb. .04⅞- —
Grade 2, c.l., bbls., f.o.b. N.Y.....lb. .04¼- —
l.c.l. .....lb. .04⅝- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N.Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. Nom.
quicksilver, bbls.....lb. 3.20 - 3.27
Red dyes are listed under Dyes.
Red, precipitate, N. F., powd., fib. dms., 50 lbs. or more, lb. 3.26 - —
Red saunders wood, ground, bbls, lb. .35 - —
Resorcinol, tech., 200-lb. dms., frt. alld. E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .10 - .11
Rhubarb, cs.....lb. .38 - .40
powd., bbls., kgs.....lb. .43 - .45
Riboflavin .....gram. 1.50 - 2.00
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .39¼- —
smaller lots.....lb. .40 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - —

Rose flowers, pale, bls.....lb. .42 - .43
red, bls.....lb. 5.00 Nom.
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .20 - .21
Rosin, gum, B, bbls., ex dock..
100 lbs. 2.99 - —
D, bbls.....100 lbs. 2.99 - —
E, bbls.....100 lbs. 3.01 - —
F, bbls.....100 lbs. 3.01 - —
G, bbls.....100 lbs. 3.01 - —
H, bbls.....100 lbs. 3.01 - —
I, bbls.....100 lbs. 3.00 - —
K, bbls.....100 lbs. 3.01 - —
M, bbls.....100 lbs. 3.05 - —
N, bbls.....100 lbs. 3.07 - —
W. G., bbls.....100 lbs. 3.25 - —
W. W., bbls.....100 lbs. 3.48 - —
X, bbls.....100 lbs. 3.48 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
Rue, imported, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. .30 - .35

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .40 - .45
Spanish, tins.....lb.38.00 -39.00
Safrol, cns.....lb. 1.15 - 1.25
dms.....lb. No prices
Sage, Dalmation, garden, bls..lb. 1.50 - 1.60
stemless, bls.....lb. No stocks
ground, bls.....lb. 1.75 Nom.
Greek, bls.....lb. 1.00 - 1.10
Spanish, bls.....lb. No stocks
Sago flour, bgs.....lb. .05 - .05½
Salicin, bots., 5 lbs.....lb. 7.00 - —
cns., 25 lbs.....lb. 6.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd. N. Y...ton.14.20 - —
l.c.l., bgs., dlvd. N. Y...ton.16.00 -16.60
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.15.70 - —
l.c.l., dlvd. N. Y.....ton.18.20 -21.30
Saltcake, dom., bulk, works.ton.13.00 Nom.
import, bulk, c.i.f.....ton.16.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 9.10 -10.10
1-9 tons.....100 lbs. 9.25 -10.25
less than ton lots..100 lbs. 9.50 -10.50
gran., bbls., 10-20 tons.....
100 lbs. 8.10 - —
1-9 tons.....100 lbs. 8.25 - —
less than ton lots..100 lbs. 8.50 - —
powd., bbls., 10-20 tons.....
100 lbs. 9.10 - —
1-9 tons.....100 lbs. 9.25 - —
less than ton lots..100 lbs. 9.50 - —
Santonin, cryst., cns.....kilo.170.00 -182.00
Saponin, crude, cns.....lb. 2.25 - 2.50
Purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls., lb. .32 - .33
Mexican, bls.....lb. .20 - .22
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bls.....lb. 1.50 - 1.60
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .31¼- —
smaller lots.....lb. .31¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .95 - 1.00
Senna leaves, Alexandria, half leaf, bls..lb. .18 - .20
siftings, bgs.....lb. .17 - .19
Senna, Tinnevelly, No. 1, bls., lb. .13 - .14
2 bls.....lb. .11 - .13
3 bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .13 - .14
Pods., bls.....lb. .10 - .11
Serpentaria root, bls.....lb. .60 - .65
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .35 - .36
dlvd., Boston.....lb. .36 - .37
Chicago.....lb. .36½- .37½
Pacific Coast.....lb. .38½- .39½
rfd., bbls., f.o.b. N. Y.....lb. .41 - .42
dlvd., Boston.....lb. .41½- .42½
Chicago.....lb. .42¾- —
Pacific Coast.....lb. .45 - .46
Garnet, bgs.....lb. .30 - .31
D.C., V.S.O., or Diamond I. cs., cs..lb. .38 - .39
Superfine, bgs., f.o.b. Boston, N. Y..lb. .29 - .30
dlvd., Chicago.....lb. .29½- .30½
Pacific Coast.....lb. .32 - .33
T.N., bgs., f.o.b. Boston, N.Y. lb. .28½- .29
dlvd., Chicago.....lb. .29 - .30
Pacific Coast.....lb. .32 - .33
varnish, Metro area, orange, 5-lb. cut, bbls..gal. 1.45 - 1.50
4½-lb. cut, bbls.....gal. 1.40 - 1.45
4-lb. cut, bbls.....gal. 1.35 - 1.40
white, 5-lb. cut, bbls.....gal. 1.55 - 1.60
white, 4½-lb. cut, bbls..gal. 1.50 - 1.55
4-lb. cut, bbls.....gal. 1.45 - 1.50
Prices, dlvd., Bostop or Chicago, 10c. per gal. higher.
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 - —
smaller lots, works.ton.25.00 - —
400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works.ton.35.00 - —
smaller lots, works.ton.38.00 - —
wet-grd., 95-98% 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
med. grd., 99%, 325 mesh, l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99½%, 325 mesh, bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .34¾- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 2,500 ozs.....oz. .33 - —
1,000 ozs.....oz. .33¼- —
500 ozs.....oz. .33½- —
80 to 100 ozs.....oz. .33¾- —
Nitrate, 100-oz. bots.....oz. .24 - —
Nucleinate, bots., dms.....oz. .29 - .34
Protelnate, bots., dms.....oz. .28 - .33
Simarubra barks, bls.....lb. .35 - .40
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .56 - .58
Smalt, black, extra velvet, ctns., lb. .05 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .10 - .11
crushed, bls., bbls.....lb. .13 - .13½
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .17 - .18
powd., bbls.....lb. .16 - .17
Soda, acetate, anhyd., dms., dlvd., lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04½- .05
l.c.l., dlvd.....lb. .05 - .06
USP, bbls., dlvd.....lb. .06 - .07
90%, dms., c.l., dlvd.....lb. .06½- .07
l.c.l., dlvd.....lb. .07¼- .07½
Alginate, dms., bbls., works..lb. .39 - .70
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate, dms., dealers, c.l., works..lb. .07½- —
Soda, arsenate, l.c.l., dms....lb. .08¾- .09½
arsenite, dry, gray, dms., c.l., dealers, works..lb. .06¼- —
l.c.l., dms., works.....lb. .07 - .07½
white, dms., c.l., dealers, works..lb. .07¼- —
l.c.l., dms., works.....lb. .08 - .08½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.53 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
2.....100 lbs. 2.60 - —
3.....100 lbs. 2.85 - —
4.....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —

Rose Flowers—Soda Benzoate

Soda ash, light, 58%, bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 93° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 93° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyoming.
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —

A SYMBOL THAT DENOTES
Perfection
in alkalies and other chemical products
THE LABELS pictured here, each bearing the well known Solvay Anchor trademark, give some indication of the scope of Solvay's family of products. These labels also serve to illustrate the broad, many-sided development of America's oldest and largest manufacturer of alkali products during the past 60 years. When Solvay started production, Soda Ash was its only product and the production rate was about twenty tons a day.
Today, Solvay plants throughout the country are producing a diversity of products which have wide application in industry. The numerous forms of these products that Solvay produces—and makes available in such basically important quantities—are proof of an ability to keep pace with all demands for new and specialized materials.
Solvay alkalies are of such purity, uniformity and dependability as to make the Solvay Anchor a symbol to be remembered when you are placing your orders.
SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET NEW YORK, N. Y.
BRANCH SALES OFFICES
BOSTON • CHARLOTTE • CHICAGO • CINCINNATI • CLEVELAND • DETROIT
NEW ORLEANS • NEW YORK • PHILADELPHIA • PITTSBURGH • ST LOUIS • SYRACUSE
Plants Located At: Syracuse, New York • Detroit, Michigan • Baton Rouge, Louisiana • Hopewell, Virginia
A 48-page booklet describing the many products and services of Solvay will gladly be sent on request. Write today for your copy of "SOLVAY PRODUCTS."
SOLVAY
Products

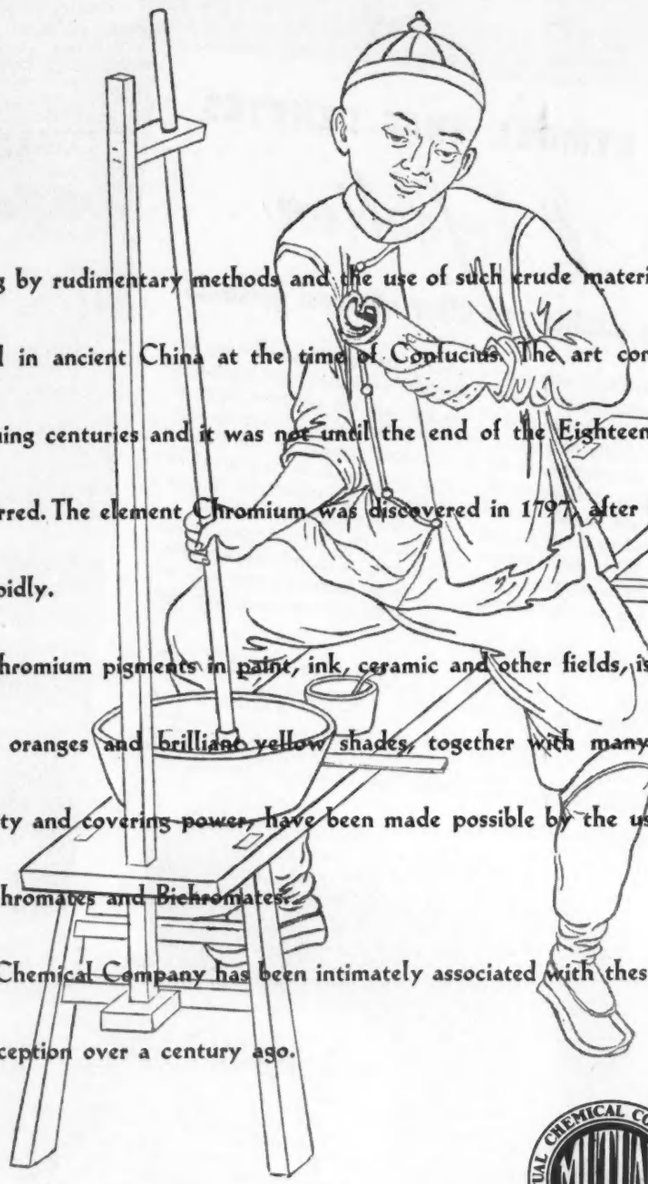
Soda, Bicarbonate—Soda, Stan.

Soda, bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works. 100 lbs. 2.25 - —
l.c.l. .....lb. 2.60 - —
powd., bbls., c.l., works... 100 lbs. 1.85 - —
l.c.l., dlvd., N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.74 - —
Bichromate, spot, c.l., wks..lb. .07¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07½- —
5 cks. or 9 bbls. or less, works..lb. .07¾- —
Bifluoride, bbls., c.l.....lb. .11 - —
10 bbl. lots.....lb. .11½- .13
1-9 bbls.....lb. .12 - —
kegs .....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
32 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., bbls., c.l., works. 100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fiber drms., 100 lbs.....lb. .28 - —
Cacodylate, 1-kilo bots.....lb. No prices

Soda, carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
drms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, drms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76%, ammon., process, drms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, drms., c.l., works..100 lbs. 2.30 - —
Soda, caustic, solid, electro process, drms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate, spot, c.l., works..lb. .08¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .09¼- —

Soda, citrate, USP VIII, 225-lb. bbls..lb. .18½- —
cns., drms., 50-lb. lots...lb. .20½- —
25-lb. lots.....lb. .22½- .23¼
drms., kgs., 100-lb. lots...lb. .19¼- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., drms..lb. .14 - .15
imports, 90%, cs.....lb. No prices
Diacetate, 33-35% acidity, bbls., dlvd..lb. .10 - —
anhy., drms., dlvd.....lb. .12¼- —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .08 - —
l.c.l., 10 or over, same basis..lb. .08½- —
1-9, same basis.....lb. .09 - —
95%, bbls., c.l., same basis.lb. .08¼- —
l.c.l., 10 or over, same basis..lb. .08¾- —
1-9, same basis.....lb. .09¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots...lb. 1.25 - —
100-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
powd., bbls., 1,000-lb. lots..lb. 1.30 - —
100-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.70 - —
solution, cbys., cns.....lb. .82 - 1.02
Hydrosulphite, dms.....lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N. F., cns., 100-

Soda, hyposulphite, cryst., large, bgs., works, frt. equal'd... 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd..100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
Pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
drms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works...100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
drms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works...100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
drms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., works.... 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
drms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works...100 lbs. 2.70 - 3.95
bbls., works.....100 lbs. 2.90 - 4.15
drms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots.....lb. 2.52 - 2.57
Mardelate, 100-lb. drms.....lb. 3.25 - —
Metanilate, bgs.....lb. .41 Nom.
Metasilicate, anhyd., drms., c.l., works, frt. equald..100 lbs. 3.75 - —
15 drms. and over, dlvd. N.Y..100 lbs. 4.05 - —
3-14 drms., same basis... 100 lbs. 4.80 - —
1-2 drms., same basis... 100 lbs. 5.05 - —
gran., bbls., c.l., works...lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N.Y.....lb. 3.25 - —
Molybdate, anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dom., c.l., 100-lb. bgs., dlvd., f.o.b. cars, producing points or ports, rail or boat shipment .....ton.29.40 - —
200-lb. bgs., same basis, ton.28.70 - —
bulk, same basis.....ton.27.00 - —
imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf, Pac. warehouses, rail or boat shipment....ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis....ton.30.00 - —
refd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons.100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized....lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l. prices range represents delivery at various points.
Orthosilicate, anhy., drms., c.l., works, frt. equal'd....lb. 4.50 - —
15 drms., and over, same basis..lb. 5.45 - —
3-14 drms., same basis..lb. 5.60 - —
1- 2 drms., same basis..lb. 5.85 - —
flake, drms., c.l., works.. 100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .42 - —
kgs. .....lb. .44 - —
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorphenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19¼- —
490 lbs., bgs., works.....lb. .17⅝- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.40 - 6.25
l.c.l., works.....100 lbs. 6.35 - 7.25
bbls., c.l., works...100 lbs. 5.60 - 6.45
l.c.l., works.....100 lbs. 6.55 - 7.45
cryst., tech., bgs., c.l., wks., 100 lbs. 2.20 - 2.70
l.c.l., works.....100 lbs. 2.60 - 3.45
bbls., c.l., works...100 lbs. 2.40 - 2.90
l.c.l., works.....100 lbs. 2.80 - 3.65
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works....100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works..lb. 2.35 - 2.85
l.c.l., works.....100 lbs. 2.75 - 3.60
bbls., c.l., works...100 lbs. 2.55 - 3.05
l.c.l., works.....100 lbs. 2.95 - 3.80
kegs, c.l., works...100 lbs. 3.05 - 3.55
l.c.l., works.....100 lbs. 3.45 - 4.30
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works.lb. .11½- .16
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10¼- —
contracts .. ..lb. .09½- —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhyd., bgs., c.l., works, frt., equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized, 100 lbs. 5.30 - —
l.c.l., same basis....100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y..100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....lb. 1.10 - 1.15
Salicylate, bxs.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 6.10 - —
4 .....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.
Sesquisilicate, drms., c.l., works, 100 lbs. 2.90 - —
10 drms. or over, dlvd. N.Y.C., 100 lbs. 4.00 - —
1-9 drms.....100 lbs. 4.25 - —
Silicate, 40° turbid, drms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, drms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. .12 - .15
Stannate, drms.....lb. .34 - .37



Color-making by rudimentary methods and the use of such crude materials as were then available was practiced in ancient China at the time of Confucius. The art continued in an elementary state for ensuing centuries and it was not until the end of the Eighteenth Century that any real advance occurred. The element Chromium was discovered in 1797, after which its use in pigments developed rapidly.

The use of Chromium pigments in paint, ink, ceramic and other fields, is now universal. The fiery reds, mellow oranges and brilliant yellow shades, together with many bright greens possessing great durability and covering power, have been made possible by the use of Chromium pigments made from Chromates and Bichromates.

The Mutual Chemical Company has been intimately associated with these important developments since their inception over a century ago.

MUTUAL CHEMICAL CO. OF AMERICA
MUTUAL
NEW YORK, N.Y.

Mutual Chemical Co of America
270 MADISON AVENUE, NEW YORK

Soda, stearate, lump, powd., bbls., works..lb. .19 - .34
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or over, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
N.V. VI, ex-siccated, pwd., bbls..lb. .07 - .07½
U.S.P. cryst., gran., bbls..lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, divd., 100 lbs. 2.75 - —
less than 5 tons, divd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, divd., 100 lbs. 3.50 - —
less than 5 tons, divd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.80 - 2.85
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .26 - .29
Sulphocyanide, dms., cns...lb. .26 - .47
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works...lb. .06 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, naphtha, dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
high-flash, dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
Sorbitol, com'l, dms., c.l., works, lb. .14½- —
ton lots, contracts, works, lb. .15½- —
smaller lots works.....lb. 15½- —
Soybean meal, 41%, bgs.....ton.38.70 - —
protein, bgs., c.l. (40,000 lbs.), works..lb. .16 - —
l.c.l., 20,000 lbs., works....lb. .16½- —
100 lbs., works.....lb. .16½- —
smaller lots, works.....lb. .20 - —
Sparteine sulphate, cns.....oz. 3.65 - 3.95
Spearmint leaves, bls.....lb. .28 - .29
Spikenard root, bls.....lb. .16 - .17
Spruce extract, reg., bbls., c.l., works..lb. .01½- —
tanks, works.....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .02 - —
tanks, works.....lb. .01½- —
Squaw vine, leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. .50 - .60
White, bls.....lb. .21 - .23
powd., bbls., bxs.....lb. .35 - .40
St. Ignatius beans, bgs.....lb. .45 - .46
St John's Bread, edible, bls., lb. .15 - .20
inedible, bls.....lb. .09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 3.10 - —
divd., N. Y.....100 lbs. 3.45 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.20 - —
divd., N. Y.....100 lbs. 3.55 - —
Potato, dom., bgs., c.l.....lb. .0585- —
l.c.l. .....lb. .0710- —
import, bgs.....lb. No prices
Rice, bgs.....lb. .09 - .10
Sweetpotato, bgs.....lb. .06¼ Nom.
bbls .....lb. .07 Nom.
Wheat, thick, boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. .35 - .40
Stearin, oleo.....lb. .09½- .10
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.80 - 1.85
Stramonium leaves, bls.....lb. .40 - .45
Strontium bromide, cns.....lb. .52 - .55
Carbonate, NF, IV, 250-lb. bbls..lb. No prices
tech., 99-100%, precip., bbls., lb. .25 Nom
Chloride, tech., bbls.....lb. .20 - .22
Iodide, bots., 5 lbs.....lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Nitrate, dom., bbls., c.l., works, lb. .07½- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08½- —
Strophanthus seed, Kombe, bgs.lb. 3.75 - 4.00
Strolyl acetate, bots.....lb. 3.10 - 3.20
Strychnine, cryst., cns., 100-oz. lots..oz. .60 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots.oz. .40 - —
Sucrose Octa-acetate, C.P. grade., bbls., l.c.l., works..lb. .55 - —
denat., bbls., l.c.l., works..lb .45 - —
tech., bbls., l.c.l., works.....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.45
Milk, bbls., c.l.....lb. .18 - —
l.c.l., 10 or over.....lb. .19 - —
less than 10.....lb. .20 - —
Sulfadiazine, tablets, bots., 50's, ea. 4.86 - —
100's .....ea. 8.46 - —
1,000's .....ea.72.00 - —
Sulfaguanidine, 3.5-gm. bot..doz. 3.50 - —
4-oz. bots.....ea. 8.10 - —
1-lb. bots.....ea.30.00 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.70 - —
5lb. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
25-lb. lots.....lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-gram bots..ea. .50 - —
Sulfathiazole, 5-gm., bot.....ea. .42 - —
Sesquicarbonate, 5-gm. bot....ea. .42 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —

Soda Stearate—Theobromine

Sulphur, flowers, USP, bgs., c.l., mine..100 lbs. 2.80 - —
l.c.l., mine.....100 lbs. 3.35 - —
bbls., c.l., mine....100 lbs. 3.15 - —
l.c.l., mine.....100 lbs. 3.70 - —
Sulphur, flour, comm'l, bgs., c.l., mine..100 lbs. 1.40 - —
l.c.l., mine.....100 lbs. 1.95 - —
Refined, cast, bgs., c.l., mine. 100 lbs. 1.95 - —
l.c.l., mine.....100 lbs. 2.50 - —
heavy, USP, bgs., c.l., mine, 100 lbs. 2.35 - —
l.c.l., mine.....100 lbs. 2.90 - —
bbls., c.l., mine....100 lbs. 2.70 - —
l.c.l., mine.....100 lbs. 3.25 - —
light, USP, bgs., c.l., mine, 100 lbs. 2.45 - —
l.c.l., mine.....100 lbs. 3.00 - —
USP, bbls., c.l., mine..100 lbs. 2.80 - —
l.c.l., mine.....100 lbs. 3.35 - —
lump, bgs., c.l., mines..100 lbs. 1.95 - —
l.c.l., mine.....100 lbs. 2.50 - —
bbls., c.l., mine.....100 lbs. 2.10 - —
l.c.l., mine.....100 lbs. 2.65 - —
roll, bgs., c.l., mine...100 lbs. 2.15 - —
l.c.l., mine.....100 lbs. 2.70 - —
bbls., c.l., mine.....100 lbs. 2.30 - —
l.c.l., mine.....100 lbs. 2.85 - —
Rubbermakers, comm'l, 99½%, bgs., c.l., frt. alld..100 lbs. 2.00 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.85 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liquid, com'l, cyls., works..lb. .07 - .09
multi-unit, cars, works.lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls, works..lb. .10 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .23
Sumac, grd., Sicilian, f.a.s...ton. No prices
leaf, f.a.s.....ton. No prices
extract, bbls, No. 1.....lb. .08 - —
No. 2.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Berries, bgs.....lb. .10 - 12
Sunflower seed, Calif., large, bgs., lb. .06¾- .07¼
medium, bgs.....lb. .06 - .06½
poultry, Argentine.....lb. .04½- .05
Superphosphate, run-of-pile, bulk, f.o.b. cars, boat, Balto..ton. 9.50 - —
guaranteed 16%, bulk, same basis..ton.10.00 - —
20%, bulk, same basis....ton.12.00 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l. mills.....ton.17.00 - —
N. Y., fibrous, 95-98%, 325 mesh, bgs., c.l., mills..ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -18.00
96-98%, 325 mesh, c.l., mills, ton.15.00 -17.00
l.c.l., mills.....ton.17.00 -19.00
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
99.85-99.95%, 323 mesh, bgs., c.l., mills..ton.17.00 -18.00
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Aluminum, flake, type grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills..ton.14.00 - —
l.c.l., ex whse.....ton.22.00 - —
Talc, imp., Canad., bgs., c.l., mills..ton. No prices
French, high-grade, bgs., l.c.l., ex whse..ton. No prices
ordinary, bgs., c.l., ex dock, arrival..ton. No prices
l.c.l., ex whse.....ton. No prices
Italian, 1, bgs., ex dock, arrival..ton. No prices
ex whse.....ton. No prices
2, bgs., ex dock, arrival..ton. No prices
Tallow, extra, loose.....lb. .08 - —
special, loose.....lb. .07¾- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05 - —
l.c.l. .....lb. .06 - —
50% (43% fat), dms., c.l..lb. .06½- —
l.c.l. .....lb. .07½- —
50% (48% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
Tamarind, No. 1, bbls.....lb. .06 - .07
kegs .....keg. 6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y..unit-ton. 3.75 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 3.50 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y...unit-ton. 4.50 & .10
high-grade, bulk, Chicago, unit-ton. 4.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l. bulk, c.i.f. ports..unit-ton. 4.25 & .10
Tansy leaves, bls.....lb. .22 - .28
Tapioca flour, bgs.....lb. .05½- .06½
Tar acid oil, 15%, dms., c.c., works..gal. .22 - .24
l.c.l., same basis.....gal. .24 - .26
25%, dms., c.l., works....gal. .25 - .27½
l.c.l., same basis.....gal. .27 - .29½
Tar, pine, retort, dms., divd. E. cities..gal. .28 - —
ports .....gal. .27 - —
tanks, divd. E. cities....gal. .21 - —
Tarragon herb, bgs.....lb. 1.20 Nom.
Tartar emetic, tech., fine gran. or powd., bbls., 5 or more, lb. .44¾- —
less than 5.....lb. .45 - —
USP, powd, bbls.....lb. .50 - —
Terpinyl acetate, cns.....lb. .80 - .85
Terpin hydrate, bbls., dms.....lb. .60 - .65
Terpineol, CP, cns.....lb. .30 - —
dms. .....lb. .27 - —
alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .09½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, 5-lb. cns.....lb. 2.00 Nom.
Sodiosalicylate, dms.....lb. 2.05 - —

We too, are

Photo Lambert from Lewis

SERVING UNCLE SAM

When miracles must be performed, it is natural that Uncle Sam should look to the Magic of Chemical Industry.

The Industry has responded right nobly . . . and in this response, we are proud to bear our part.

In answering the call of the Country, we are of necessity, handicapped in our efforts to maintain the prompt deliveries so long associated with ISCO Service and ISCO Chemicals.

No stone is being left unturned to serve you as well as it is possible under conditions which include dearth or absence of many vital raw materials.

Please continue to call on us for your needs, with confidence that ISCO will deliver the goods you want—if it is humanly possible.

ANNOUNCING OUR NEW BRANCH IN CINCINNATI

To take care of our increasing business in southern Ohio, Indiana and Kentucky and to still better serve our customers in this territory, we will open a Cincinnati Branch early in September • The address will be Carew Tower and this new office, a sub-division of our Cleveland Branch, will be in charge of Mr. Robert D. Kane, formerly of our Cleveland Branch.

INNIS, SPEIDEN & COMPANY
Established 1876
A National Institution
117-119 Liberty Street • NEW YORK
CHICAGO • CLEVELAND • CINCINNATI
BOSTON • PHILADELPHIA • GLOVERSVILLE, N. Y.

Thiamine—Wattle Bark

Thiamine hydrochloride, bots., cns. gram. .65 - .90
Thiocarbanilide, dms. lb. .24 - —
Thorium, nitrate, cs., works lb. 2.00 - —
Thyme, French, bls. lb. .75 - .77
Spanish, bls. lb. .20 - .2
Thymol, dms., 100 lbs. lb. 1.80 - —
cns., 25 lbs. lb. 1.85 - —
Iodide, kgs., 50 lbs. lb. 3.40 - —
25 lbs. lb. 3.50 - —
Timbo root (see Cube root).
Tin chloride (ous), anhyd. lb. .48½- .49
Crystals, bbls., bgs. lb. .39½- .40
Metal, Straits lb. .53 - —
Oxide, bbls. lb. No prices
Tetrachloride, anhyd., bbls. lb. No price
Titanium, dioxide, bgs., c.l., (20 tons) lb. .14½- —
l.c.l., 5 tons, single delivery, lb. .14¾- —
1,000-9,999 lbs. lb. .15 - —
50-999 lbs. lb. .15¼- —
bbls., c.l. (20 tons) lb. .14¾- —
l.c.l., 5 tons, single delivery, lb. .15 - —
1,000-9,999 lbs. lb. .15¼- —
50-999 lbs. lb. .15½- —
non-chalking, bgs., c.l. (20 tons), lb. .16½- —
l.c.l., 5 tons, single delivery, lb. .16¾- —
1,000-9,999 lbs. lb. .17 - —
50-999 lbs. lb. .17¼- —
bbls., c.l. (20 tons) lb. .16¾- —
l.c.l., 5 tons, single delivery, lb. .17 - —
1,000-9,999 lbs. lb. .17¼- —
50-999 lbs. lb. .17½- —
Titanium, chalk-resistant, bgs., c.l. (20 tons) lb. .15 - —
l.c.l., 5 tons, single delivery, lb. .15¼- —
1,000-9,999 lbs. lb. .15½- —
50-999 lbs. lb. .15¾- —
bbls., c.l. (20 tons) lb. .15¼- —
l.c.l., 5 tons, single delivery, lb. .15½- —
1,000-9,999 lbs. lb. .15¾- —
50-999 lbs. lb. .16 - —
barium or magnesium base, bgs., c.l. (20 tons) lb. .05¾- —
l.c.l. lb. .06 - —
bbls., c.l. (20 tons) lb. .06 - —
l.c.l. lb. .06¼- —
calcium base, bgs., c.l. (20 tons), lb. .05¼- —
l.c.l. lb. .05¾- —
bbls., c.l. (20 tons) lb. .05¾- —
l.c.l. lb. .06 - —
calcium-rutile base, bgs., c.l. (20 tons) lb. .05½- —
l.c.l. lb. .05¾- —
bbls., c.l. (20 tons) lb. .05½- —
l.c.l. lb. .06 - —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses.

Toluidin base, distilled, kgs. lb. .96 - —
Tolu, balsam, cns. lb. .83 - .95
Toluidin, mixed, dms. lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable gal. .29
Toluol (toluene), 2° indus. tanks, E. of Omaha, frt. alld. gal. .27 - —
W. Coast, f.o.b. Minnequa, Colo. gal. .27 - —
1° nitration, dms., returnable, gal. .33½- —
tanks, E. of Omaha, frt. alld., gal. .28½- —
W. Coast, f.o.b. Minnequa, Colo. gal. .28½- —
Tonga vine, F. bls. lb. .65 - .70
root, bls. lb. .65 - .70
Tonka beans, Angostura, cks. lb. 2.40 - 2.50
Brazilian, Surinam, cs. lb. .70 - .85
Triacetin, dms. lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, l.c.l., works lb. .90 - —
Tributylamine, l.c.l., dms., works, lb. .70 - —
Tributyl citrate, ton lots, 475-lb. dms. lb. .24 - —
smaller lots lb. .32 - —
Phosphate, dms., l.c.l., dlvd. lb. .47 - —
cns., works lb. .51 - —
Trichlorobenzene, dms., c.l., frt. alld. lb. .08 - —
l.c.l., same basis lb. .08½- —
tanks lb. .07½- —
Trichloroethylene, dms., c.l., works, frt. alld., Zone 1 lb. .08 - —
l.c.l., same basis lb. .08½- —
Zone 2, dms., c.l., works, frt. alld. lb. .08½- —
l.c.l. same basis lb. .09 - —
Zone 3, c.l., works, frt. alld. lb. .09 - —
l.c.l., same basis lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points lb. .09 - —
l.c.l., same basis lb. .09¼- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., divd. lb. .40½- .51½
dms., c.l., divd. lb. .37½- —
Tech., dms. lb. .25 - —
500 lbs., dms. lb. .25½- —
Triethanolamine, dms., c.l., works, lb. .10 - —
l.c.l., works lb. .20 - —
tanks, works lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl citrate, ton lots, 500-lb. dms. lb. .24 - —
smaller lots lb. .32 - —
Triethyl phosphate, dms., divd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works lb. .26 - —
Trimethyl phosphate, cns. lb. .54 - .56
dms., divd. lb. .50 - —
Trimethylamine, dms., c.l., divd., lb. .85 - —
l.c.l., divd. lb. .90 -
Triphenyl phosphate, dms. lb. .38 - —
Tripoli, air-floated, bgs., c.l., works ton. 26.00 - —
double grd., bgs., c.l., works, ton. 16.00 - —
once-grd., bgs., c.l., works ton. 14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 99%, dms., works lb. No prices
Oxide, CP, kgs. lb. No prices
Chem. grade, kgs. lb. No prices
Turmeric root, Alleppey, bgs. lb. .08¾- .09¼
Madras, bgs. lb. .07½- .08
Turpentine, spirits, gum, bbls., c.l., ex dock gal. .87½- —
l.c.l., 10 ex dock gal. .89½- —
5 ex dock gal. .91½- —
wood, dest., dist., dms., divd. E. ports gal. .50 - .52
tanks, divd., E. cities gal. .45 - —
steam-dist., dms., c.l., divd. gal. .81 - —
l.c.l., divd. gal. .84 - —
tanks, divd. gal. .76 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs. lb. 2.85 - —
yellow, kgs. lb. 1.85 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N. C., Charleston, Savannah, Jacksonville ton. 80.00 - —
l.c.l., f.o.b. Belle, W. Va., ton. 82.50 - —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore ton. 85.00 - —
less than 5 tons, f.o.b. New York, Phila. ton. 90.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship ton. No prices
smaller lots, f.o.b. N. Y. whse ton. No prices
pure, cs. lb. .12 - —
Urea fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports ton. 57.40 - —
Urea-ammonia liquor, basis, 45% N., tanks, f.o.b. Belle, W. V., or Atl., Gulf ports, ton. 121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports, ton. 127.00 - —
Uva ursi leaves, bls. lb. .18 - .20

V

Valerian root, Belgian, bls. lb. .95 - 1.00
Eastern, bls. lb. .45 - .47
Valonia, beards, bgs., f.a.s. ton. No prices
cups, bgs., f.a.s. ton. No prices
Vanadium pentoxide, C.P., bgs., cns., works lb. 7.00 - —
tech., dms., works lb. 1.10 - —
Vanilla beans, Bourbon, tins lb. 11.00 Nom.
Mexican, tins lb. 10.50 Nom.
cuts, tins lb. 9.50 Nom.
South American, tins lb. 10.50 Nom.
Tahiti, tins lb. 5.25 - 5.50
Oleoresin, bots. lb. 20.00 -20.25
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins lb. 2.65 - —
1-lb. tins lb. 2.75 - —
ex guaiacol, 25-lb. tins lb. 2.15 - —
5-lb. tins lb. 2.20 - —
1-lb. tins lb. 2.30 - —
ex lignin, 25-lb. tins, 75 to 500 lbs. lb. 2.25 - —
25 to 50 lbs. lb. 2.50 - —
5 lb. tins, 55 to 500 lbs. lb. 2.30 - —
5 to 50 lbs. lb. 2.55 - —
contracts, 5,000 lbs., or more, individual shipments of 1,000 lbs. or more, 25-lb. tins lb. 2.15 - —
5-lb. tins lb. 2.20 - —
Venice turpentine, true, cs. lb. 1.75 - 2.00
Verdigris, bbls., kgs. lb. .22 - .28
Vinyl acetate, cns., works ... lb. .25 - —
dms., c.l., 30,000 lbs. gross, works lb. .14 - —
l.c.l., works lb. .15 - —
5 gals., dms., works lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls. lb. .40 - .41
tree lb. .19 - .22
Wattle bark, bgs., f.a.s. ton. 41.00 -43.00
Extract, solid, bgs. lb. .0460-.04475
liquid, tanks lb. .05 - —
bbls. lb. .05¾- —

THEY GREW UP TOGETHER.....

But one's a "black sheep"!

The other was bleached by the ACTIVATED TEXTONE—Hypochlorite Process and retained its strength!

● This is an unretouched photograph of two swatches of white cotton fabric after silver nitrate test for oxycellulose (the presence of which indicates degrading and weakening of fibres, causes yellowing on storage and results in uneven dyeing). Since oxycellulose precipitates silver, the darker swatch—bleached with ordinary hypochlorite—shows presence of a high degree of oxycellulose. The lighter swatch—bleached with hypochlorite *plus* Textone—developed *little* color. No oxycellulose indicated.

These two swatches are from the same piece of cloth and had received identical treatment, including the same kier boil, prior to bleaching. Therefore, the difference in oxycellulose is entirely due to the difference in the bleaching operation.

When Textone, a Mathieson developed sodium chlorite product, is added to regular hypochlorite bleach it is possible to bleach to highest and more permanent whites with maximum strength retention. And when properly handled this entirely new bleaching process *will not form* oxycellulose. An Activated Textone-hypochlorite bleach has enough oxidizing power to destroy all color in cotton fabrics—but *does not attack the fibre itself.* This eliminates the need for accurately controlling concentration, temperature or time of bleach. Textone ($NaClO_2$) controls and reinforces your regular hypochlorite—its use involves little change in bleach routine or equipment. And its bleaching power is equal to that of chemic of nearly *twice* the available chlorine.

Textone itself, highly soluble in water, is economical to use. Stable, up to and including 150 deg. C., none is lost in the bleaching operation. This permits every pound to do effective work. And the capacity of current equipment may be increased by adding Textone to the kiers, eliminating multiple boils. The oxidizing power of Textone is equivalent to 130% available chlorine.

We invite your inquiries in regard to Textone and the new Activated Textone-hypochlorite bleaching process. Our technical staff, the men who developed this remarkable process, will be glad to show you how it can improve *and* economize your bleach operations—improve the quality of your finished goods.

MATHIESON CHEMICALS
THE MATHIESON ALKALI WORKS, (INC.)
60 E. 42ND STREET, NEW YORK, N. Y.

SODIUM CHLORITE PRODUCTS . . . SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . HTH PRODUCTS . . . AMMONIA, ANHYDROUS and AQUA . . . FUSED ALKALI PRODUCTS . . . SYNTHETIC SALT CAKE . . . DRY ICE . . . CARBONIC GAS

Wax, amorphous, group 2, at refineries: 160-165, amber, lb. .15½- —
160-165, black....lb. .14 - —
160-165, white....lb. .26 - —
180-185, amber....lb. .17½- —
180-185, black....lb. .16 - —
180-185, white....lb. .30 - -
Bayberry, bgs....lb. .18 - .20
Bees, white, bleach, slabs, cs., lb. .47 - .50
cake, cs....lb. .48 - .51
discs, cs....lb. .49 - .52
yellow, crude, Africa, 10-bg. lots..lb. No stocks
1 bg....lb. No stocks
Brazil, bgs....lb. No stocks
refd., slabs, cs., lbs....lb. .42 - .43
Candelilla, bgs., 1 ton....lb. .26 - .27
jobbing lots....lb. .27 - .28
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .76 - .77
5 bgs....lb. .76½- .77½
1 bg....lb. .77 - .78
N. C., 3 bgs., 1 ton....lb. .78 - .79
5 bgs....lb. .78½- .79½
1 bg....lb. .79 - .80
refined, bgs....lb. .84 - .85
yellow, No. 1, bgs., ton....lb. .86 - .87
5 bgs....lb. .86½- .87½
1 bg....lb. .87 - .88
No. 2, bgs....lb. .84 - .85
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .12½- .13
jobbing lots....lb. .13½- .14
150°-160° m.p., bgs., 1 ton..lb. .14½- .15
jobbing lots....lb. .15½- .16
160° m.p., bgs., 1 ton....lb. .15½- .16
jobbing lots....lb. .16½- .17
Japan, cs....lb. .30 - .32
Montan, bgs., c.l....lb. No prices
5 tons....lb. No prices
less than 1 ton....lb. No prices
Ouricury, refined, bgs....lb. .58 - .59
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs....lb. No prices
74°-76° C., bgs....lb. No prices
snow-white, pure, 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P).
Spermaceti, blocks, cs....lb. .24 - .25
cakes, cs....lb. .25 - .26
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.84 - —
Whiting, chalk, com'l, dry-grd., blp. bgs., c.l., works..ton.16.00 -20.00
l.c.l., works....ton.18.00 -22.00
bbls., c.l., works....ton.19.00 -24.00
l.c.l., works....ton.21.00 -26.00
pap. bgs., c.l., works..ton.15.00 -18.00
l.c.l., works....ton.17.00 -20.00
wet-grnd., blp. bgs., c.l., works..ton.18.50 -22.50
l.c.l., works....ton.19.00 -23.00
bbls., c.l., works....ton.21.00 -25.00
gilders, bolted, blp. bgs., c.l., works..ton.18.00 - —
l.c.l., works....ton.19.00 - —
bbls., c.l., works....ton.20.00 -21.00
l.c.l., works....ton.21.00 -22.00
pap. bgs., c.l., works..ton.17.00 -18.50
l.c.l., works....ton.18.00 -19.00
Whiting, gilders, extra bolted, blp. bgs., c.l., works..ton.20.00 - —
l.c.l., works....ton.21.00 - —
bbls., c.l., works....ton.22.00 -23.00
l.c.l., works....ton.23.00 -24.00
pap. bgs., c.l., works..ton.19.00 -20.50
l.c.l., works....ton.20.00 -21.00
Paris white, blp. bgs., c.l., works, ton.19.00 - —
l.c.l., works....ton.20.00 - —
bbls., c.l., works....ton.22.50 -27.50
l.c.l., works....ton.22.00 -28.00
pap. bgs., c.l., works..ton.19.60 -25.10
l.c.l., works....ton.20.00 -26.50
Limestone, air-floated, 99.75%, 250 mesh, paper bgs., c.l., ton.10.10 - —
200 mesh, paper bgs., c.l., same basis..ton. 9.35 - —
90%, 200 mesh., paper bgs., c.l., same basis..ton. 7.00 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works....ton.13.50 - —
2-4 tons, works....ton.14.50 - —
extra, bgs., c.l., works, ton.12.50 - —
l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works....ton.13.00 - —
2-4 tons, works....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works....ton.13.50 - —
2-4 tons, works....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works...ton.20.00 - —
smaller lots, works..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls....lb. .05 - .06
thin, natural, bls....lb. .07 - .08
rossed, green, bls....lb. .10 - .11
Wild indigo root, bls....lb. .13 - .14
Witch-hazel extract, dist., NF, tax extra, bbls..gal. .44 - .45
leaves, bls....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y..ton.24.00 -25.00
80 mesh, same basis....ton.26.00 -28.00
100 mesh, same basis....ton.30.00 -32.00
import, 70 mesh, bgs., ex dock..ton. No prices
80 mesh, bgs., ex dock..ton. No prices
100 mesh, bgs., ex dock..ton. No prices
120 mesh, bgs., ex dock..ton. No prices
Wormseed, American, bgs....lb. .07 - .08
Levant, bgs....lb. No prices
Wormwood, bls....lb. .40 - .55

X

Xylol (xylene), ipdus., dms., returnable, works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
tanks, W. of Coast, f.o.b. Minnequa, Colo..gal. .26 - —
10°, dms., returnable, works, gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29
Xylol, 5°, dms., returnable, works, gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .39 - —
8°, dms., returnable, works, gal. .48 - —
tanks, E. of Omaha, frt. alld., gal. .46 - —
Xylidin, mixed, dms....lb. .35 - .36

Y

Yara yara, cryst., cns....lb. 1.35 - 1.50
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .52 - .55
bottles, same basis....lb. .60 - .64
imp., bbls., same basis....lb. .18 Nom.
Cadmium, CP, import., bxs..lb. 1.35 - 1.40
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .50 - —
smaller lots, same basis..lb. .55 - —
kgs., ton lots, same basis, lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, cases, works, lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
Chrome yellow CP prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls....lb. .09 - .11
Hansa, bbls., same basis chrome..lb. 1.37 - —
primrose shade, bbls., same basis chrome..lb. 1.75 - —
Mercury oxide, tech., bbls., 1,000 lbs..lb. 2.87 - —
smaller lots....lb. 2.89 - —
Ocher, Amer., golden bbls., works..lb. .04½- .06¼
yellow, bbls., works....lb. .02 - .02¼
French type, bbls., c.l....lb. .0345- —
l.c.l. ....lb. .0365- —
French, all shades, cks., c.l., ex dock, Balto., Boston, N. Orleans for import..lb. .02475 Nom.
New York (f.o.b.)..lb. .02¾ Nom.
Philadelphia, for import..lb. .02¾ Nom.
San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .02575 Nom.
New York....lb. .02¾ Nom.
Phila., for import....lb. .02¾ Nom.
Portland, Seattle....lb. .03¼ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom.
Indianapolis, Kansas City, Milwaukee, St. Louis..lb. .03¾ Nom.

Wax, Amorphous—Zinc Oxide

Yellow, ocher, French, all shades, cks., l.c.l., ex whse., New York..lb. .03 Nom.
Pittsburgh....lb. .03¼ Nom.
Portland, Seattle....lb. .03¾ Nom.
San Pedro, San Francisco..lb. .03¼ Nom.
f.o.b. N.Y., from dock, lb. .02½ Nom.
from whse....lb. .03½ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis....lb. .05 - —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., same basis....lb. .07 - —
Persian orange (see O).
Zinc, bbls., same basis, chrome CP, contracts..lb. .17½- —
open order....lb. .17½- —
Navy specifications type, contracts..lb. .17½- —
open order....lb. .17½- —
Yellow dock root, dom., bls....lb. .15 - .20
Yellow root (xanthorisa), bls..lb. .11 - .13
Yerba santa leaves, bls....lb. .99 - —
Yohimbine hydrochloride, vis..oz. 3.50 - 4.25

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., dlvd.lb. .15 - .16
USP, bbls., 250 lbs....lb. .27 - —
kgs., 100 lbs....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bgs....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.
Carbonate, tech., bbls....lb. .14 - .16
USP, precip., powd., bbls..lb. .32½- —
25-lb. dms....lb. .37½- —
kgs. ....lb. .84½- —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works....100 lbs. 4.60 - —
gran, dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works...100 lbs. 5.75 - —
USP, 100-lb. dms....lb. .30 - .31
25-lb. jars....lb. .36 - —
solut., 50%, dms., c.l., works, lb. .0290- —
l.c.l., works....lb. .04 - .04¼
tanks, works....lb. .0225- —
Cyanide, kgs., works....lb. .33 - .35
Dust, bbls., c.l., dlvd....lb. .09¼- —
l.c.l., bbls., dlvd....lb. .09¾- —
Iodide, N. F., bots....lb. 4.54 - —
jars....lb. 4.40 - —
Fluoride, bbls....lb. .20 - .25
Metal (see daily quotations in Market report.)
Oxide, pigment, dom., Amer. process, coml., lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd....lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd....lb. .07 - —

—Continued on page 40

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Oil, Paint and Drug Reporter

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Fair Taxation Still Afar

Tax-making appeared to be a very simple matter in the speedy passage of the defense-needs revenue bill by the lower house of Congress. But, that bill neither makes taxes nor reaches revenue needs. So, the senate, which may not originate a revenue measure, must, as usual, do the work of making one.

And no public assistance that the senate is getting makes its job any easier than that in previous tax-making years. The major tones of the hearings are the same old insistence that each witness and his group be enabled to escape the payment of more than an irreducible minimum. Economists on the sidelines suggest payroll taxes, overall income taxes, and other equitable imposts. Some business groups, farseeing from unforgotten experiences, join in these suggestions and in others directed to the policy of paying as much as possible as you go. Congressmen, who a few months ago shrank fearfully from sales taxes, although putting in a goodly number of discriminatory ones, are now leaning somewhat in that direction—with exceptions in accordance with the ideas of home-circle pressure groups.

There is not much sympathy in Congress and but little more in the administrative branch of the government for a universal income tax—the only equitable impost—congressmen fearing votes, and administration excuses having to do with difficulties of collection. Strange that these collectors apparently forget how the nickels, dimes, and quarters for old age and social security are gathered! Have they never learned how that "other government" collects its union dues? Perhaps it is all too simple to pay as you go and pay as you get.

Some day Congress will arrive at the fundamentally equitable and practicably simple tax-making formula that the national income is so much; the national revenue need is so much; and the latter is such a percentage of the former. On this basis it will construct a sliding scale of taxes on everybody's every dollar of gross income; drop all excises; and play fair and open all around.

The Worst Tax

Excise taxes (sales taxes under cover) are, from the standpoint of democratic ideals, the worst form of taxation; and the worst of these is the tax on alcohol used for other than beverage purposes. This tax on 190-proof alcohol, such as is essential in the providing of medicines for the nation, is now twenty times the cost of producing the spirit. The pending revenue bill would increase this preposterous relativity to twenty-seven times.

Such taxation is an economic error and a social crime. Increases in the nonbeverage alcohol tax from time to time have always resulted in reduced consumption and usually in smaller aggregate revenue. Last year's increase of $1.42½ per gallon was followed by a decrease of $26,819 a month in the revenue received from this tax. In these days of eleven-figure finances that may not be killing the golden goose, but it certainly is giving the chromium chicken a starvation diet.

To compel a sick woman to pay to the Federal government for every ounce of alcoholic medicine she is obliged to take as much tax as a liquor-drinker pays on a jigger of his favorite potion is not in keeping with the elevated social ideas to which this government has recently become devoted. And the answer is that the ideas are all right; it is the tax-making inconsistency therewith which is worse than reactionary.

—O-P-D—

Plan the Way Out

The newly created combine of high Federal administrative officials—the Economic Defense Board—is getting itself together and finding out what it's meant for. Apparently it is to defend the domestic economy against international assaults, although its purpose is a variegated one of doing everything which might have anything to do with the business affairs of the world.

The economics with which this board is to deal will likely be of the political sort, because it would take genuine economists of the highest caliber to make business use of the stated objectives—to-wit:—

> The term, "economic defense," whenever used in this order, means the conduct, in the interest of national defense, of international economic activities including those relating to exports, imports, the acquisition and disposition of materials and commodities from foreign countries including preclusive buying, transactions in foreign exchange and foreign-owned or foreign-controlled property, international investments and extensions of credit, shipping and transportation of goods among countries, the international aspects of patents, international communications pertaining to commerce, and other foreign economic matters.

The President is to give the board other policies and objectives as he may "from time to time determine." It is to be hoped that these will include a real search for means of unscrambling the economic mess steadily accumulating as a result of crisscross orders by various groups of the alphabet and the inability of business to fit itself adequately to the shift to defense production.

One pet phrase of those who have more faith in slogans than in action is that the nation must have a government of laws, not of men. Those who so declare certainly never could have read one-fifth of the laws that have been set up to govern. The need is for the right men. And this need is manyfold emphasized in the processes of the defense program. An economic planning board is needed; it has been needed for months. But, it must be a big board of big men able in all ways to get first-hand factual information and to admit all facts. Over this board must be one economic monitor whose ability is adequate and whose word is final.

In many respects it would be desirable and could be very useful for business itself to set up a national economic planning board and elect an economic monitor. The aversion to national planning has lost in the universal stress of priorities and other curbs what little factual support it had. As the planning now is being attempted, all the objectionable political aspects remain—in spite of able volunteers from business—and the new defense board worsens the situation.

A limited move in this direction has been made by the Chamber of Commerce of the United States, which has started an investigation of shortages of basic materials. This is but one—and not the worst—of scores of disturbing influences. Other studies are imperatively necessary. And impartial investigation alone will find the way out of the mess which can in substantial part be laid to the peculiar penchant of business for self-delusion.

—O-P-D—

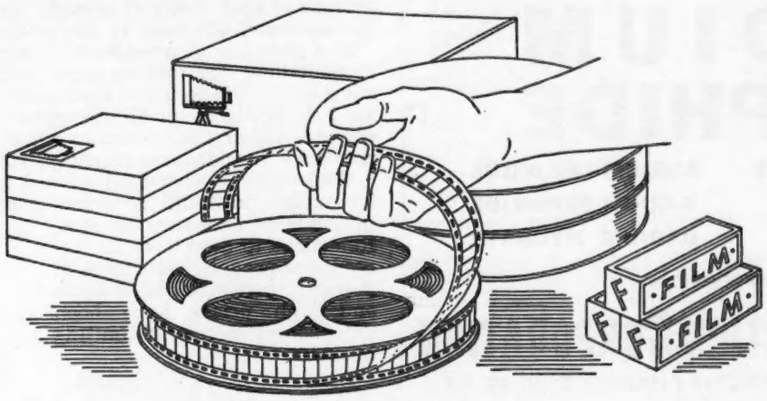
Corn for Alcohol

Come now the War Department and the Commodities Credit Corporation in a cooperative move to convert a lot of the corn which the government owns into alcohol which the government needs. Not yet has there been hurried into Congress a bill to freeze that corn and make the army buy on the market. Somebody high in so-called "agriculture," a group leader or a congressional representative, may be expected to try to tie up the corn as Congress has tied up government-owned and paid-for cotton which could be used very satisfactorily to make rayon or smokeless powder or even lisle hosiery—all these are needed.

Politically and economically—perhaps politico-economically is the better term—agriculture is standing in its own light and kicking its own shins. It thinks it can demand superparity prices for its products while enjoying under the wage and hour law subparity wages for its employees, and still come out ahead when the reckoning comes—exactly as it did not do in the early '20s for the same reason. It is muffing its opportunities to play along with manufacturing industry, to produce more of what really is needed, to provide substitutes for materials that are scarce.

The farmer's friends in Washington are helping him to continue in the errors of the preceding century. They have raised the penalty on his selling more cotton than they several years ago estimated would be needed; while the rayon industry is trying out milkweed, seaweed, and what have you as base material. Opportunity knocks—but cannot be heard because the door has been padded to keep out subparity chilliness.

Agriculture is hard pressed to fit itself into the big purposes which the defense program opens. It has been too much inclined to stick to a narrow lane and to be antagonistic toward all that is bigger or broader. Its chemurgic advisers have a big job to do. Business as a whole faces the necessity of bringing agriculture into its councils—where it belongs.



A Tribute to the Photographic Industry

Photography was in the daguerreotype stage when Chas. Pfizer & Co. was founded, ninety years ago. The invention of the modern camera, modern film, the whole apparatus and technique of moving pictures, has taken place within the memory of men and women alive today.

The photographic industry—a mere infant in years compared to many other industries—has grown to gigantic size. Its capital investment runs into millions of dollars — it furnishes a livelihood to thousands of families — and is still growing!

Chas. Pfizer & Co. takes pride in the service it has rendered in the past and renders today to this phenomenal young industry. Particularly, this firm takes pride in the high standards of quality that have made its products valued by manufacturers in this highly technical field. Chas. Pfizer & Co. has never deviated from the purpose which marked its founding — to maintain high standards of quality and dependability.

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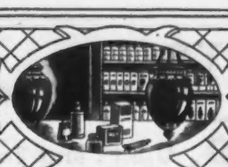
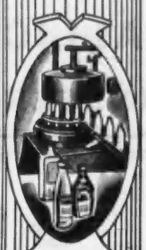

PROPRIETARY

P'K'G'D FOOD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Heavy Chemicals

Defense Needs for Basic Chemicals Tightening Entire Market —One Producer Advances Phosphoric Acid Pure Food Grades —Resale Prices Higher Reflecting Smaller Spot Offers

Inquiries made directly by the government; priority and preference defense ratings were dominant factors in limiting supplies of heavy chemicals. The scarcity of basic chemicals such as ammonia, chlorine, fluorides and acetic acid reflected in a tightening of many products derived directly or indirectly from them. No slackening occurred in purchases by the government in an effort to accumulate adequate reserves, and in several instances producers were hard pressed to submit bids on inquiries. The small amount of spot material brought about additional premiums for the scattered offerings in the resale market.

One producer of phosphoric acid released a complete schedule of quotations for various pure food grades, showing fractional advances as the result of increased production costs. Quotations are now available for all quantities including tank cars and tank wagons. Other price revisions revolved around the fluorides with ammonia fluoride and magnesia silicofluoride higher.

While efforts progressed toward granting some priority rating for exports to South America, many exporters report difficulty in obtaining necessary licenses. Rejections to date have far exceeded approvals. Shortages of domestic materials for defense and high prices have been detrimental factors in limiting business.

Alums.—Prices firm and shipments steady to regular contract consumers.

Alumina Sulphate.—Business limited, and prices on firm basis.

Ammonia, Anhydrous.—Tight situation prevalent, and market position strong.

Ammonia, Aqua.—Supplies absorbed by defense and civilian needs. Market firm.

Ammonia Bicarbonate.—Prices rule firm, while dealings were steady.

Ammonia Bifluoride.—Stocks small, and shipments lag. Prices firm.

Ammonia Fluoride.—Offerings limited, prices 1c. higher at 20c. nominal.

Ammonia Nitrate.—Bulk of output going directly to defense Prices firm.

Ammonia Persulphate.—Firm situation prevails, and inquiries steady.

Ammonia Silicofluoride. — Little available on spot. Resale 25c. per pound.

Ammonia Sulphocyanide. — Shipments steady, and supplies adequate.

Ammoniac, Sal.—Demand good, and market in favorable position.

Soda Acetate

Purchase by the government of large quantities of soda acetate has been one of the prime factors in the prevailing scarcity. The purchases were made some time ago for defense needs for delivery during the current year. Large quantities were expected to find use as a neutralizer in gas masks. Demand has also been heavy for processing such materials as acetic acid, acetic anhydride acetone and methanol, which in turn have been important defense items. The principal civilian use has been for textile, dyes and tanning.

Producers have not been able to accept any new business for some time, and are pressed to take care of all regular consumers.

The latest production figures issued by the Bureau of Census lists seven producers during 1939 with an output of 6,965,952 pounds, compared with 6,169,383 pounds in the 1937 comparative period.

A gradual firming has occurred in the price structure during the past several months. Quotations for the 60 percent, granular, flake and powder in car lots are 4½c. to 5c. per pound; less car lots, 5c. to 6c. per pound. This compares with car lots at 4c. and less car lots 4½c. to 5c. per pound on August 28, 1939.

Price Changes

Advanced

Acid, phosphoric, pure food, 50%, cbys., ½c. per lb.
75%, pure food, cbys., ¾c. per lb.
Ammonia fluoride, 1c. per lb.
Magnesia silicofluoride, 2½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
167.3	167.3	163.8	153.7

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
108.7	108.7	108.7	101.6

Market news that may have developed after this report was sent to press will be found on page 4.

Antimony.—Domestic spot metal unchanged, while transactions were routine.

Antimony Oxide.—Shipments confined to regular accounts, with situation tightening. Prices firm at higher levels.

Arsenic.—Active inquiry, and market retained its firmness. May imports 1,904,477 pounds.

Barium Carbonate.—Firmness characterized trading, with shipments lagging.

Barium Chloride.—Market tightening. Prices firm. Resale, 6c. to 6½c. per pound.

Barium Nitrate.—Market position tight, and inquiries steady. Prices unchanged and firm.

Bleaching Powder.—Brisk inquiry. Prices unchanged and firm. Resale, 5c. per pound.

Calcium Acetate.—Material scarce. No change in prices.

Calcium Chloride.—Withdrawals active. Prices display firmness.

Carbon Tetrachloride. — Shortage more pronounced, business allocated. Prices firm. Resale, 22c. to 27c. per pound.

Chlorine.—Available supplies pro rated based on priorities. Prices firm.

Cobalt Oxide.—Sellers supplying regular consumers' normal needs. Prices remain firm.

Copper.—The 12c. price ceiling established by OPM now in effect. The 1941 copper shortage estimated between 400,000 and 500,000 tons. Stocks of refined copper 74,384 tons on July 31, against 98,164 on June 30, according to Copper Institute.

Copper Salts. — Supplies allocated among regular consuming trade. Prices nominal.

Copper Sulphate.—Major producers

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

sold up on current output. Prices firm.

Fluorspar.—Market displays firmness, while supplies were tightening.

Glauber's Salt.—Business restricted to regular accounts as a rule. Firm price tone.

Lead Acetate. — Supplies limited. Pricewise a firm tone predominated.

Lime.—Demand good, while no change occurred in the prices.

Magnesite.—Spot stocks negligible, offerings limited. Resale single bags $5, equivalent to $100 per ton.

Magnesia Silicofluoride.—Little material available. Resale 16c. to 22c. per pound.

Manganese Dioxide.—Steady shipments against contracts. Prices hold firm.

Nickel Salts.—Offerings limited, and business strictly allocated. Prices are firm.

Phosphorus.—Defense needs shorten supplies for other uses. Resale for red 76c. to 78c. per pound.

Potash Carbonate.—Slight delay in shipments, offerings made to regular trade only. Resale 10c. to 11c. per pound.

Potash Caustic. — Steady demand from usual channels. Prices firm. Resale 8½c. to 9c. per pound.

Potash Chlorate.—Business held to regular trade. Resale 38c. to 40c. per pound.

Potash Permanganate.—Defense and civilian needs of regular consumers absorb output. Prices firm.

Saltcake.—Available output well taken, and market in firm position. May import 9,299 tons.

Saltpeter.—Good inquiry, and shipments moved steady. Prices the same.

Soda Ash.—Buying remains broad, and market displays firmness.

Soda Bicarbonate.—Buying steady. Pricewise a firm tone prevailed.

Soda Bifluoride.—Supplies limited, and spot material difficult to locate. Prices firm.

Soda Caustic.—Spot supplies tightening, demand broad. Resale solid $3.65; flake $4.15 per 100 pounds.

Soda Cyanide. — Business active. Shipments moved principally against contracts. Prices firm.

Soda Fluoride.—Supplies scarce. Prices unchanged and firm.

Soda Hydrosulphite.—Limited offerings. Resale ranged from 31c. to 35c. per pound.

Soda Metasilicate.—Steady buying, while prices held the same.

Soda Nitrite.—Interest brisk. No change disclosed in the prices.

Soda Phosphate.—Firm undertone. while business usually restricted to regular channels. Resale tri $3.25 per 100 pounds.

Soda Pyrophosphate.—Market tightening. Prices unchanged and firm.

Soda Silicate.—Active interest. A firm tone governed the dealings.

Soda Silicofluoride.—Spot offerings light. Resale 17c. to 20c. per pound. May imports 55,115 pounds, all from Portugal.

Soda Stannate.—Prices held at same levels, with tone steady. Inquiries remained steady.

Soda Sulphide.—Market tight. Resale ranging from 8c. to 10c. per pound.

Strontium Nitrate.—Little available on spot. Resale 10c. to 11c. per pound.

Sulphur, Refined.—Shipments moved at good pace. Prices firm.

Tetrachlorethylene.—Shortage continues. Resale 27c. to 33c. per pound.

Tin Salts.—No new price developments occurred, with tone firm. Straits metal held at 53c. per pound. Interest good, with selling on restricted basis.

Zinc Sulphate.—Business steady to regular consumers. Prices underwent no alteration.

Acids

One producer announced higher prices for various food grades of phosphoric acid last week to provide the outstanding price development. Material is now available in all quantities including car lots, tankcars and tankwagons. Demand for practically all acids continued heavy, with defense needs absorbing substantial quantities. Acetic and acetic anhydride were short, prices rising steadily in the resale market. Business in chromic was on an allocated basis. Formic and hydrofluoric were tight. Active inquiries were made for muriatic and nitric. Offerings of oxalic were light. Sulphuric and mixed acids moved in good volume against contracts.

—Continued on page 30

Quantity Price Plan Of Ass'n Hit by F.T.C.

—Continued from page 5

vided for the sale of the dairies' actual yearly requirements of closure milk bottle caps at prices dependent on the quantity contracted for.

According to the complaint, the respondent association, from time to time, issues its "Annual Requirement Record" and supplements thereto, this record classifying and rating dairies using closure milk bottle caps. The recent edition of the "Annual Requirement Record" rates and classifies approximately 7,809 dairies. The complaint alleges that the respondent manufacturer members have abided by the "Annual Requirement Record" in determining the prices at which dairies would be sold closure bottle caps.

The complaint alleges that these and other related practices of the respondents have the effect of preventing price competition, creating monopoly and placing in the respondents the power to control and enhance prices, in violation of the Federal Trade Commission act.

Hygiene Foundation Changes Name

Air Hygiene Foundation of America, Inc., has changed its name to Industrial Hygiene Foundation of America, Inc. Reason for the name change is to more clearly describe the foundation's expanding activities and membership services for the protection of employee health.

The foundation's sixth annual meeting will be held at Mellon Institute, Pittsburgh, November 12, 13. The program geared to produce practical data for today's needs, will revolve around the theme "Defend the Defense Worker."

American Cyanamid Plans Change in Capital Setup

A meeting of stockholders of the American Cyanamid Company has been called for August 25, 1941, to vote on plan of capital simplification involving offering to holders of all three series of 5 percent cumulative convertible preferred stock the opportunity to exchange their present holdings share for share for a new 5 percent cumulative preference stock and the redemption of all of the present 5 percent cumulative convertible preferred stock that was not so exchanged. Convertible preferred stock would be eliminated from capital structure.

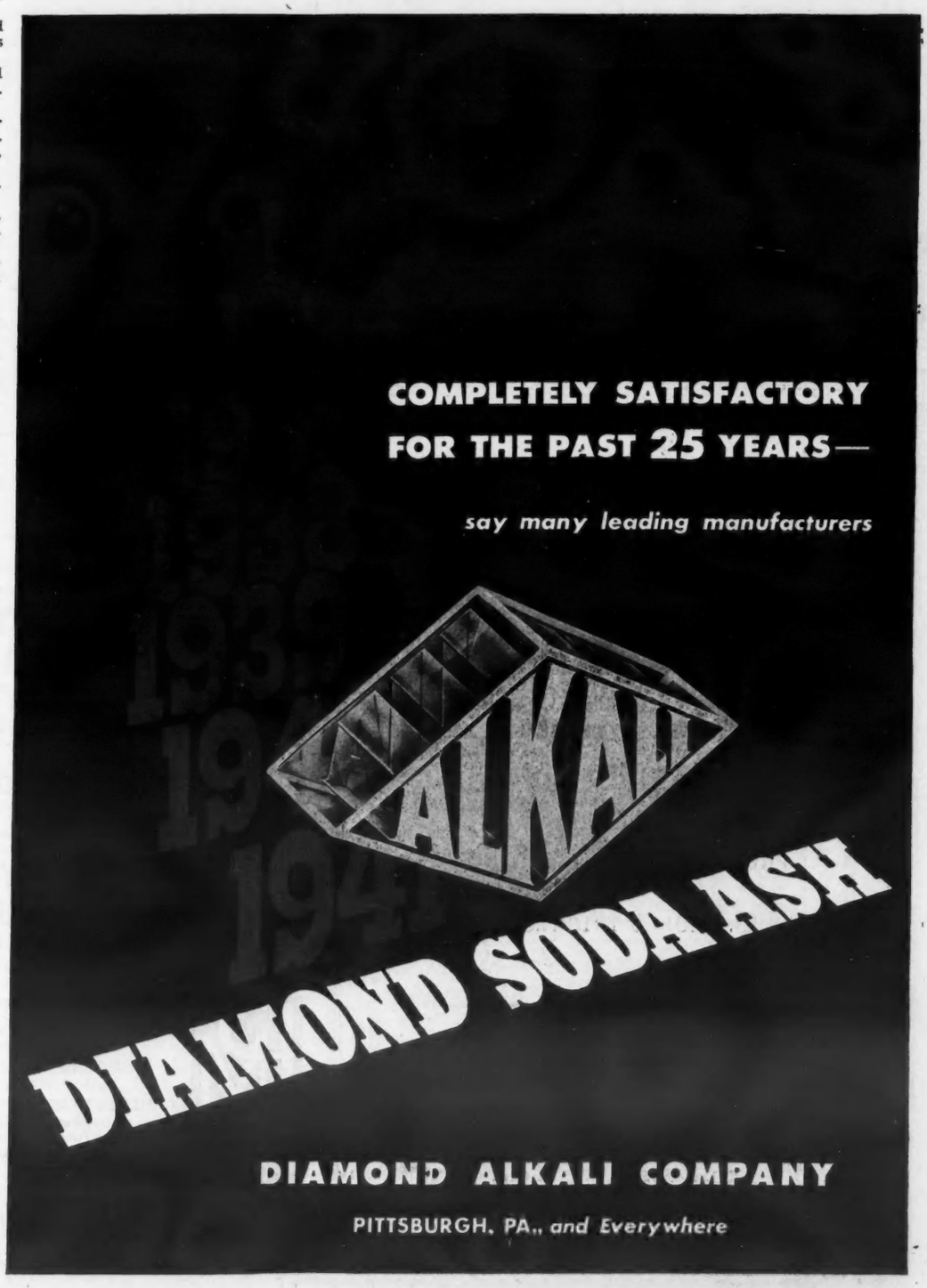
The new preference stock besides giving shareholders the same yield in dividends would have the same $10 par value as the present convertible preferred stock and the same $10.50 call price.

Dow Ammonia Plant Plans Near Completion

Freeport, Tex., Aug. 14, 1941

Plans are well advanced for the construction of a plant here for processing ammonia from hydrogen gas by the Dow Chemical Company. The new plant will cost $2,000,000 and will have a production of 150 tons of ammonia daily, which will be used by the government to provide explosives for the national defense program.

California Standard Oil has filed a registration statement with SEC Securities covering $15,000,000 of serial notes, due August 1, 1946, to 1955, inclusive, and $25,000,000 of 2¾ percent debentures, due August 1, 1966.



India's Chemical Growth Seen

Activities of the Bararee Coke Works, an Indian coke producing plant which manufactures benzol, toluol and phenol, together with the proposed installation of a large plant for the recovery of these products at Tatanagar, will eventually lead to the production of a number of organic compounds, medicinals, and synthetic dyestuffs in India, according to the epartment of Commerce.

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Heavy Chemicals

Acids

—Continued from page 29

Acetic.—Material scarce, offerings limited. Resale 26c. to 28c. per pound.

Acetic Anhydride.—Tightness continues. Resale 25c. to 33c. per pound ex carboys.

Battery.—Steady interest. Prices remain firm.

Chromic.—Business on allotted basis as rule. No change in prices.

Formic.—Market tight. Inquiries brisk. Prices firm.

Gallic.—Moderate call. A firm tone remained in evidence.

Hydrofluoric.—Situation continued tight. Prices firm.

Lactic.—Withdrawals steady. Quotations display firmness.

Mixed.—Steady movement against contracts to regular channels.

Muriatic. — Active inquiry, with shipments well sustained. Prices firm.

Nitric.—Defense needs consuming large quantities to keep market in strong position.

Oxalic.—Supplies remain limited. Resale 36½c. to 40c. per pound.

Phosphoric. — One producer advanced prices ½c. to ¾c. for pure food grade, making 50 percent, 10 or more carboys, 5½c. to 6¼c. per pound; 1 to 9 carboys, 6½c. to 7¼c. The 75 percent grade quoted in 10 or more carboys at 7¼c. to 8½c.; 1 to 9 carboys 8¼c. to 9½c. per pound. Prices also quoted in car lots, tankcars and tankwagons.

Sulphuric. — Withdrawals brisk against contracts. Prices unchanged and firm. Output of by-product sulphuric acid at copper and zinc plants in 1940 totaled 840,937 short tons, against 778,441 tons in 1939. according to Bureau of Mines.

Baltimore, August 13.—The market for sulphuric acid remains unchanged as far as deliveries from the producers to the consumers are concerned. With the latter running on contracts which have in most cases months to go, the producers of course are bound to live up to the prices stated of $12 per ton for 60-degree and $15 per ton for 66-degree acid. Some producers of oleum contend that they have not taken any further business at $16 per ton for 20 percent supplies, but adhere to the $17 level which had been set.

Insecticides

A little better than seasonal interest was displayed for some materials in the market for agricultural insecticides and fungicides last week. This was brought about in part by the desire to secure materials that may become difficult to obtain later. Paradichlorobenzene was a typical example in this respect, with inquiries reaching the market steadily. However, in many instances sellers were limiting amounts asked for. Meanwhile, calcium arsenate experienced one of its heaviest seasons in the Southern cotton states. No new price developments took place, with the tone one of firmness.

Crop prospects improved materially during July and though growing conditions were less favorable in early August, crop production in the United States this year seems likely to exceed production in any past year except 1937, according to the United States Department of Agriculture. Until late in July prospects seemed outstandingly favorable, but the showery weather in the South has resulted in the heaviest infestation of cotton boll weevils since 1932.

Calcium Arsenate.—Movement to Southern cotton states still largest factor. Price remain firm.

Lead Arsenate.—Shipments about seasonal. No change developed in the quotations.

Paradichlorobenzene.—Firm price tone, with offerings restricted.

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Canada Names Lorimer Chemical Controller

James Douglas Lorimer has been named Controller of Chemicals in Canada. Mr. Lorimer, who is president of the Canadian Chemical Association, will have his office in Montreal. The controller is empowered, inter alia, to acquire chemicals and equipment and to enter any plants or buildings in search of such chemicals and equipment. He may, subject to the approval of the Minister of Munitions and Supply, fix or regulate prices and limit sales.

Los Angeles Drug Company, 1140 San Julian street, plans the erection of a $40,000 industrial building.

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"Mr. Eugene J. Parent"

E. J. Parent is chairman of the Chemical and Allied Products Buyers' group of the National Association of Purchasing Agents; in truth, he is serving his second term in that office, having been re-elected at the annual meeting last June. Mr. Parent is general purchasing agent for the Mathieson Alkali Works, Inc., and is located in the corporation's headquarters office at 60 East Forty-second street, New York.

Gene Parent is a native of Menominee, Mich., and an alumnus of the University of Illinois. He began his business career with the Michigan Electro Chemical Company, which he served variously in accounting, purchasing, and selling from 1916 to 1919. In June of the latter year he became a clerk in the purchasing department of the Mathieson Alkali Works. Three months later he was appointed purchasing agent for the company's operations at Niagara Falls. He was made general purchasing agent in May, 1939.

Prior to going with the Mathieson Company, for more than a year, Mr. Parent was taking time off from his work with the Michigan Electro Chemical Company to put in some efforts in the Chemical Warfare Service, being located at Edgewood Arsenal during 1918 and part of 1919. He has been active in the doings of the National Association of Purchasing Agents for some years and was president of the affiliated Buffalo association in 1922; he is a member of the New York group.

Mr. Parent plays some golf and some bridge. He also participates in the family pinochle contests when visiting the parental home—he admits he is not the best player in that group. His clubs are the Niagara and the Winged Foot Golf.

OPM Forms Field And Compliance Unit

—Continued from page 4

tion Management. Mr. MacPherson, who is on leave of absence from his position as secretary-treasurer of the California-Arabia Standard Oil Company, replaces Donald G. Clark, who has been detached for special assignment as consultant on Army procurement problems.

Sidney J. Weinberg, chief of the Bureau of Clearance of Defense Industry Advisory Committees, Office of Production Management, has appointed T. Spencer Shore assistant chief of the Bureau of Clearence to succeed Robert H. Webb-Peploe, who recently resigned.

The Bureau of Clearance of Defense Industry Advisory Committees, Office of Production Management, has formed a steering committee for the defense industry advisory committee for shoes, leather products, hides, skins and leather. The committee has been formed to advise the Office of Production Management and other defense agencies in regard to problems arising from the defense program concerning those items and materials.

Tin Price Ceiling Set at 52c. Per Pound

OPD Washington Bureau
August 15, 1941

Moving to meet the inflationary situation in tin prices created by concern over shipments from the Far East, Leon Henderson, Administrator, Office of Price Administration and Civilian Supply, today issued a price schedule establishing a ceiling price of 52 cents a pound on "Grade A" pig tin. The schedule also provides for exemptions, under various restrictions, for firm commitments entered into prior to August 16, 1941, for sale of pig tin at prices higher than the maximums. The schedule does not establish maximum prices for special shapes, such as small tin bars and tin anodes, but makers are expected to continue to sell them at not more than their customary and normal premiums over pig tin.

U.S. to Get Tin Cargo From Dutch East Indies

—Continued from page 3

posits occur from Lincolnton, N. C., to Gaffney, S. C., a distance of 36½ miles, and are readily accessible by highways, county roads, and the Southern and Seaboard Railways.

The examination showed that the bedrock deposits, individually or as a group, cannot yield more than small amounts of tin. Possibly a few can be mined profitably on a small scale if the price of tin rises sufficiently. How little the deposits are likely to yield is suggested by their recorded production of only 300 tons of tin since their discovery in 1883. Small placer deposits, three of which are known, and thin layers of cassiterite-bearing soil of no very great extent contain altogether perhaps 150 tons of metallic tin.

Okla. Powder Plant To Cost $51,000,000

OPD Washington Bureau
August 11, 1941

The War Department today authorized the expenditure of $51,000,000 for the construction of the Oklahoma Ordnance Works, to be located on 6,000 acres in the general vicinity of Choteau, Okla. At the present time the War Department has under construction smokeless powder plants at Childersburg, Ala.; Charlestown, Ind., and Radford, Va. The latter two are now in partial production. Both of these plants will be government-owned and agent-operated.

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Coaltar Chemicals

Expanding Defense Requirements Continues to Exert Pressure —Spot Stocks of Benzol Becoming More Difficult to Locate —Supplies of Tar Acids and Many Intermediates Short

An expanding need of basic materials for defense purposes continued to exert pressure on the market for various coaltar chemicals last week. Direct and indirect defense requirements were taking substantial quantities, and this further tightened supplies for other uses. Chemicals entering the plastic, munitions and disinfectant manufacture encountered the heaviest demand. Steel output underwent a further decline and was attributed to an increasing shortage of essential raw materials. Under present government plans, steel producing facilities will be increased about 12,000,000 tons by enlargement of Bessemer and openhearth facilities. Prices experienced no alteration and the tone held firm.

Coaltar solvents remained in a tight position; spot stocks of benzol were hard to find, while supplies of toluol and xylol moved directly to consuming channels. Tar acids were in active demand, with inquiries far in excess of available supplies. Cresols, cresylic acid, napthalene, phenol and tar acid oils were short.

Intermediates moved steadily to regular consuming trade. Production of some important items were retarded by shortages in basic materials. Selling continued on a restricted basis, and shipments were subject to delays in several instances. Coaltar acids also were in good call, and situation was tight.

Price Changes

Advanced
None
Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.7	127.7	127.7	127.2

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Market position strong and demand continues steady. Prices remain firm.

Carbazole.—Call routine and steady. Prices without alteration.

Coaltar.—Shipments moved steadily against contracts. Pricewise a firm tone prevalied.

Cresols.—Situation remains tight and selling restricted. Prices unchanged and firm.

Creosote Oil

A decline in imports and a drop in domestic production have been major factors in tightening the market for creosote oil. While defense needs indirectly consume larger quantities of creosote oil for wood preservation in shipyards, army camps and utility projects, the need for other light oils were greater. June production showed a sharp decline registering only 2,698,961 gallons, against 3,611,624 gallons in the preceding month, according to the latest figures released by the Bureau of Mines. Stocks on the other hand were 30.2 percent lower at end of June.

Production for the year 1940 amounted to 125,483,027 gallons, while sales were 114,042,003 gallons, valued at $13,761,521, as compared with output of 110,242,000 gallons in 1939 year and sales of 101,487,000 gallons, valued at $12,385,000.

Imports of creosote oil have dropped since the War. In 1939 imports totaled 51,776,602 gallons coming principally from Belgium, Germany, Russia, United Kingdom and Japan, while shipments here amounted to 39,009,788 gallons in 1940, of which 33,110,968 gallons came from the United Kingdom and 5,065,074 gallons from Japan. Imports from the United Kingdom have been held up by the lack of adequate tanker facilities, and in the first quarter this year were only 5,324,021 gallons, compared with 12,321,250 gallons in the corresponding quarter a year ago.

No change has taken place in the domestic prices for some time. In August 28, 1939, prices for crude in tanks ranged from 13½c. to 14½c. and refined 18c. to 18½c. per gallon, and the same quotations prevail on contract for the balance of this year.

Cresylic Acid.—Demand heavy, domestic supplies confined to regular contract consumers. Spot stocks of imported small. Offerings range anywhere from $1.25 to $1.45 per gallon. May imports 99,442 gallons, all from the United Kingdom.

Naphthalene.—Crude and refined in tight position, offerings limited. Pricewise a firm tone predominated. May imports 595,242 pounds, all of which came from Russia.

Phenol.—Demand active, shipments allocated to regular trade. Prices unchanged and firm. Resale ranged from 23c. to 30c. per pound.

Pitch, Coaltar.—Withdrawals routine. Prices unchanged and tone firm. May imports 30,141 gallons.

Pyridin.—Shipments steady to regular channels. Prices underwent no change.

Tar Acid Oils.—Market position tight and business steady. Prices hold firm.

Toluol.—Buying brisk, with defense needs taking substantial quantities. Prices unchanged and firm.

Xylol.—A tight situation remained in evidence. Prices failed to change.

Chicago Coaltar Bases

Supplies of most grades of coaltar bases continue to be well held. Volume of trade in such items as benzol is good, with sellers generally taking the firm side of the market. Ruling prices exclusive of tax are:—Benzol, 90 percent, 14c. to 15c. per gallon; motor benzol, 8c. to 9c.; toluol, 27c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Benzoic.—Shipments moved steadily to regular contract channels. Prices remain the same.

Broenner's. — Call routine and steady. Prices held firm.

Cleve's.—Business moderately active. Prices were the same.

Fumaric.—Inquiries and shipments well sustained. No change in prices.

Gamma.—Moderate demand. Pricewise a firm tone predominated.

H.—Dealings strictly routine. Prices were firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Maleic.—Active demand, selling limited to regular contracts. Prices firm.

Malic.—Call steady, while prices were unchanged and firm.

Picramic.—Usual consumers made replacements steadily to keep market position firm.

Picric.—Defense needs absorbing available output. Prices rule the same.

Salicylic.—Technical grades in good call, prices underwent no change.

Tobias.—Buying held at good levels. Prices rule firm.

Other Intermediates

Alphanaphthol. — Consumers made steady replacements against contracts. Prices firm.

Anilin.—Market short, business allocated and prices firm.

Anthraquinone.—Shipments moved steadily to regular trade. Pricewise a firm tone prevailed.

Benzaldehyde. — Tight situation prevalent. Prices remain the same.

Benzine Base.—Shipments routine against contracts. Firm price tone.

Betanaphthol.—Active inquiry with business usually restricted. Prices failed to change.

Dimethylanilin. — Market position tight and selling restricted. Prices unchanged and firm.

Dinitrobenzene.—Selling confined to regular accounts for normal needs. Prices were the same.

Dinitrochlorobenzene.—Market position tight and business limited. Prices firm.

Dinitronaphthalene.—Buying steady. No change disclosed in the prices.

Dinitrophenol.—Good call remains in evidence while prices held firm.

Dinitrotoluene.—Market tight and selling allocated as a rule. Prices firm.

Diphenyl.—Consumers made steady replacements and market was firm.

G. Salt. — Transactions routine. Prices underwent no alteration.

Metanitroparatoluidin. — Market in strong position, and dealings were steady.

Monochlorobenzene. — Defense needs absorb large part of output. Prices were without change.

—*Continued on page* 34

Instalment Credit Limited by President

—*Continued from page* 5

between and payments by or to banking institutions, which constitute or arise directly or indirectly out of any extension of credit for instalment buying of consumers' durable goods. The board is empowered to issue regulations concerning the maximum amount of credit which may be extended, maximum maturity, minimum periodic payments, and maximum period between payments, which may be stipulated in connection with extensions of credit; and the methods of determining purchase price for computing permissible extensions of credit or required down payments.

In order to facilitate the coordination of the functions of the board under this order with other phases of the defense program, the order provides that a committee shall be established consisting of the Secretary of the Treasury, the Federal Loan Administrator, and the Administrator of the Office of Price Administration and Civilian Supply and such other members as the President may name later.

The board is to maintain liaison with this committee and consult with it on all matters with respect to the formulation of policies on down-payments, maturities, terms of repayment and other questions of general policy, and is required to take into consideration any suggestion of the committee.

Shell to Build Toluol Plant in Wood River, Ill.

Production of 4,000,000 gallons of toluol at Wood River, Ill., is planned by the Shell Oil Company at a new refinery there to be completed in about a year. Upon completion of this unit the toluol production of the Shell company, which operates two toluol units at Houston, Tex., will approximate 8,000,000 gallons annually.

Walgreen Company, chain drug store operator, Chicago, sales for July amounted to $7,106,026, compared with $6,103,568 in the same month a year ago.

Stewart Heads Goodrich Chemical Laboratories

Donald B. Stewart has been named manager of the general chemical laboratories of the B. F. Goodrich Company, Akron, succeeding Dr. Victor E. Wellman, who has been appointed technical assistant in the general factory administrative department, a new post, it is announced by J. W. Schade, director of research. Mr. Stewart joined B. F. Goodrich in 1939 following his graduation from the University of Washington with a bachelor of science degree in chemistry.

C.S.A. Golf Winners

The third golf tournament of the Salesmens' Association of the American Chemical Industry, held at the Montclair Country Club, Montclair, N. J., August 12, resulted in the following winners:—

Class A, members, low gross, R. C. Quortrup, of the Barrett Company; Class B, Walter Buhler, of the Barrett Company; Class C, T. F. Callahan.

Low net, Class A, R. M. Stevenson; Class B, Peter Riley, jr., of Riley Tar & Chemical Company; Class C, W. Richards.

Guests, low gross, J. J. Rush, of the Newburg Chemical Company.

Sixty-three members and guests golfed, while seventy-eight attended dinner.

Tungsten Deposits In Nevada Surveyed

As part of a program now carried on by the Geological Survey, United States Department of the Interior, for investigating the strategic mineral deposits of the United States, D. M. Lemmon, a Survey geologist, has studied the tungsten deposits in the Sierra Nevada near Bishop, Calif. This district includes the Pine Creek mine of the United States Vanadium Corporation, which has the largest proved ore reserve of any tungsten mine in this country. Most of the deposits examined by Mr. Lemmon are in the High Sierra, a region of rugged topography and severe climate, and lie at altitudes of 10,000 to 13,000 feet. Prospecting is difficult under these conditions, and only in recent years has the increasing demand for tungsten resulted in serious exploration of the tungsten deposits, some of which were first discovered more than twenty years ago.

Trade Briefs

Essex Specialty Company, Berkeley Heights, N. J., has received $50,000 additional loan from the Reconstruction Finance Corporation, to be used in the manufacture of parachute flares.

Ore containing 10 percent boric acid and of good quality was recently discovered at Suikomen, Kokai Province, according to a recent report. Considerable quantities are said to be available.

Chemical Assay & Production Company has been incorporated in Los Angeles county, with a capital of $25,000. The new corporation is represented by Loeb and Loeb, Pacific Mutual building, Los Angeles.

Carbon Bisulphide Freight Rate Revision Requested

Albany, Aug. 11, 1941

The New York Central railroad has filed with the Public Service Commission notice of cancellation of its commodity freight rates on carbon bisulphide in tankcars, from Cascade Mills to Black Rock and Harriet. Increases and reductions to class rates. Effective August 22.

Michigan Alkali Sales Headquarters in Detroit

The Michigan Alkali Company has announced the consolidation of its general sales and executive offices to be located in the Ford building, Detroit, Mich., as of August 15. An Eastern branch office will be maintained at 60 East Forty-second street, New York. Other branch offices are located in Chicago, Cincinnati, and St. Louis.

KOPPERS *Tar Bases*

PYRIDINE—2° and denaturing grades, as well as special fractions as required.

PICOLINES—2° alpha picoline and 3° beta picoline, gamma picoline, alpha alpha lutidine fraction.

LUTIDINES—3° alpha alpha lutidines, picoline fraction.

Also higher-boiling pyridine bases.

QUINOLINE—2°
Also higher-boiling quinoline bases.

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Naphthalene (Crude and Refined)

Shingle Stain Oil . . . Refined Tars . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote.

OTHER KOPPERS PRODUCTS

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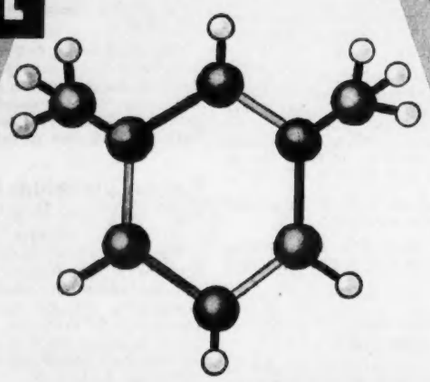
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Coaltar Chemicals

Other Intermediates

—*Continued from page 33*

Nitrobenzene.—Firm situation prevailed, while selling was restricted.

Nitronaphthalene. — Shipments steady. No change occurred in the prices.

Orthochloroanilin. — Business allocated against contracts. Prices rule the same.

Orthochlorophenol. — Withdrawals moderately active. Market displayed firmness.

Orthocresol.—Business confined to regular channels for normal requirements. Prices lack change.

Orthodichlorobenzene. — Tightness continued, and prices were unchanged and firm.

Orthonitroanilin. — Business moved steadily. Prices remain unchanged.

Orthonitrotoluene.—Active interest, with business usually restricted. Prices unchanged.

Parachlorophenol.—Market firm and business on restricted basis. Prices rule firm.

Paranisidin.—Good demand. Price-wise a firm tone predominated.

Paranitrochlorobenzene.—Prices unchanged and firm, while demand was well maintained.

Paranitrophenol.—Shipments moved steadily to regular channels. Prices remain unaltered.

Paranitrotoluene. — Inquiries and shipments active. Prices firm.

Paratoluidin.—Business limited to regular accounts. Prices maintained their firmness.

Phthalic Anhydride.—Market short, business allocated. Prices unchanged and firm.

Thiocarbanilide. — Steady demand and prices held at previous levels.

Toluidin.—Market in tight position. Prices firm.

Xylidin.—Steady demand from regular channels. A firm tone prevailed.

Coaltar Colors

A steady movement continued for various coaltar colors last week. No general tightening was evident, however, in individual instances delays were encountered reflecting to a large extent scarcity of certain raw materials. In many cases available substitutes were offered. Sellers as a rule confined deliveries to regular contract allotments to take care of all consumers inquiries. Prices displayed a firm tone.

May imports of coaltar colors, dyes and stains, etc., amounted to 207,151 pounds, valued at $384,293, of which 125,223 pounds came from Switzerland; 67,085 pounds from Germany and 8,132 pounds from the United Kingdom.

HOOKER ELECTROCHEMICAL CO.
HOOKER
Benzoyl Chloride
HOOKER
ELECTROCHEMICAL
COMPANY
Niagara Falls, N.Y.

Textile Chemists Planning Convention

—*Continued from page 4*

tivities are in the hands of subcommittees with the following chairmen:—

Entertainment, L. M. Boyd, of Scholler Brothers, Salisbury, N. C.

Finance, T. W. Church, jr., of the Highland Park Manufacturing Company, Charlotte.

Golf and tennis, J. D. Sandridge, of E. I. du Pont deNemours & Co., Charlotte.

Publicity, A. R. Thompson, jr., of the Ciba Company, Charlotte.

Reception and information, Robert A. Bruce, of the Amalgamated Chemical Corporation, Greensboro.

A. R. Thompson, Jr.
Publicity Chairman, A.A.T.C.C. Convention

Registration, R. D. Howerton, of the Calco Chemical Division, American Cyanamid Company, Charlotte.

Reservations, D. Stewart Quern, of the Becco Sales Corporation, Charlotte.

Skeet, Joe Moore, of the Calco Chemical Division, American Cyanamid Company, Charlotte.

Speakers, Douglas C. Newman, of E. I. du Pont deNemours & Co., Charlotte.

Mr. Quern advises that hotel reservations be made early because of limited space in the Carolina. They should be made through him. Reservations must give the names of those who are to occupy the rooms. Rates at the Carolina, on the American plan, are $8 a day for a single room, of which but few are available, and $14 for a double room whether occupied by one person or two. Other hotels are convenient.

Golfers, tennists, and skeeters are asked to make arrangements with their respective committees in advance if possible. Golfers will get a special green fee of $1.50.

There will be technical sessions in the afternoon, October 31, and in the forenoon, November 1.

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Dyestuffs, Textile and Leather Chemicals

Number of Materials Remain Difficult to Obtain on Spot —Government Buying Continues to Tighten Egg Products —Divi-Divi Firmer—Bichromate Shipments Limited

A good interest was displayed in the market for dyestuffs, textile and leather chemicals last week. A large number of materials were difficult to obtain for prompt shipment. Chemicals were generally tight, bichromates and zinc dust were restricted by priority regulations. Demand for most sizing materials held up well in items that could be obtained. A routine interest prevailed for natural dyestuffs. A good volume of business passed in tanning materials.

Prices for egg products continued upward, reflecting the tightening in supplies as the result of the stoppage in imports from the Far East and heavy government purchases. During the week ended August 9, the United States Department of Agriculture announced 2,985,625 pounds of dried eggs were purchased. Estimates of this type of buying run as high as 50 percent of available quantities. It was also announced that the government bought 8,000,000 pounds of corn starch for use in relief and for shipment abroad under the terms of the Lend-Lease Act.

Chemicals

Alumina Acetate. — Offerings restricted, and prices held firm.

Alumina Chloride.—Tight position prevailed, while prices were the same.

Ammonia Bichromate. — Moderate inquiry. Prices underwent no change.

Potash Bichromate.—Shipments allocated to regular consumers. Prices unchanged and firm. Resale 23c. to 24c. per pound.

Potash Prussiate.—Market position tight, and selling restricted as rule. Resale, yellow, 35c. to 37c. per pound; red, 75c. to $1 per pound.

Soda Bichromate.—Priority ruling limited transactions to normal contract commitments. Price tone firm. Resale 20c. per pound.

Soda Prussiate.—A firm tone characterized the trading, with inquiries and shipments steady.

Quebracho

While a shortage of cargo space for a time held up shipment of quebracho from South America, it is understood that more liberal space has been allotted to this important tanning extract recently. Supplies scheduled to arrive in August have been deferred. However, by next month August orders will have been brought forward. Imports during the first four months of this year amounted to 73,469,182 pounds, compared with 41,885,325 pounds in the corresponding period of a year ago. About 70 percent came from Argentina, while the remainder originated in Paraguay. Shipments during 1940 totaled 111,067,671 pounds, compared with 153,032,380 pounds in the preceding year.

Quebracho is the largest imported tanning extract used by this country. A majority of the shoe companies use the material for tanning sole leather, and requirements have expanded under the defense program. A portion has been going into the making of boiler compounds, while it is finding increasing use in oil fields.

A rather sharp upward trend occurred in prices since the war. Quotations for the liquid were 3⅜c. in barrels, and tanks, 2⅞c. per pound on August 26, 1939. Currently, barrels are listed at 5½c., and tanks 5c. per pound. A large part of the advance represents increased shipping and insurance rates.

Price Changes

Advanced

Divi-divi, $1 per ton.
Egg albumen, dom., 5c. per lb.
yolk, 5c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
232.6	228.4	226.0	144.8

Market news that may have developed after this report was sent to press will be found on page 4.

Sulphonated Oils.—Shipments moved at a steady pace, while a firm price tone prevailed.

Zinc Dust.—Business on restricted basis as result of priority on basic material. Prices firm.

Dyestuffs

Annatto.—Transactions routine. No change developed in the prices. May imports 77,478 pounds.

Fustic.—Business proceeded steadily, and market position firm.

Hypernic.—Buying moderately active. Prices failed to change.

Indigo.—Call light. Prices remain at the same levels.

Logwood.—Usual consumers supplied a steady inquiry to keep market in firm position.

Turmeric. — Offerings fairly well absorbed. Prices were firm. May imports 417,804 pounds.

Sizing Materials

Albumen, Egg.—Domestic prices advanced 5c., ranging from $1.60 to $1.70 for crystals. Steady inquiry.

Corn Sugar.—Steady movement in consuming channels continued. Prices held firm.

Dextrin, Corn.—Inquiries and shipments good. Prices unchanged.

Dextrin, Potato. — Firm tone prevailed, while withdrawals were steady.

Egg Yolk.—Market remained tight, offerings not large. Domestic ranged from 90c. to 95c. per pound while imported was 80c. to 85c.

Sago Flour.—Offerings restricted. Prices held at same levels.

Starch, Corn.—Good interest. Prices firm. July corn grind 7,850,233 bushels against 8,569,750 in June and 5,123,031 bushels in July a year ago, according to Corn Industries Research Foundation.

Starch Rice.—Firm tone prevailed, while inquiries were steady.

Tapioca Flour.—Supplies remain an uncertainty, and business limited. Prices firm.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Association meetings:—
American Ass'n Textile Chemists and Colorists, Oct. 31-Nov. 1, Pinehurst, N. C.

Tanning Materials

Chestnut Bark.—Shipments against contracts remain steady. Prices firm.

Cutch.—Market routine affair. Prices without change.

Divi-Divi.—Prices advanced $1, making Colombian $43 and Venezuelan $47 per ton. Good inquiry.

Gambier. — Spot offerings small. Prices remain nominal.

Hemlock.—Steady demand. Prices without change and firm.

Mangrove Bark.—Inquiries held at good levels, no change occurred in the prices.

Spruce Extract.—Business steady. A firm tone governed the trading.

Wattle Bark. — Inquiries reached market in good volume. No change disclosed in the prices.

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AN OPEN LETTER TO AMERICAN INDUSTRY FROM DU PONT

★ Many manufacturers are confronted with serious problems arising out of the present national emergency. Overnight, whole plants must be geared for efficient, high-speed production of unfamiliar parts. Shorter methods and processes must be worked out quickly — new chemicals must be found to replace those not readily obtainable.

To manufacturers faced with these and other problems which involve chemicals or the application of chemicals, Du Pont offers the assistance of its Technical Service staff.

With our background of experience and research, we may be able to suggest possibilities you have not yet considered. Perhaps we can supply technical information to help you find suitable new materials or methods. The results of research in unrelated fields may have an unexpected bearing on your specific problem.

Naturally, there are situations where little or nothing can be done at present. When in our opinion such a condition exists, we will frankly tell you so.

And when this period of unusual stress is past, the skill and competence acquired during 139 years of Du Pont chemical research will still be available to assist you in readjusting your program to normal requirements.

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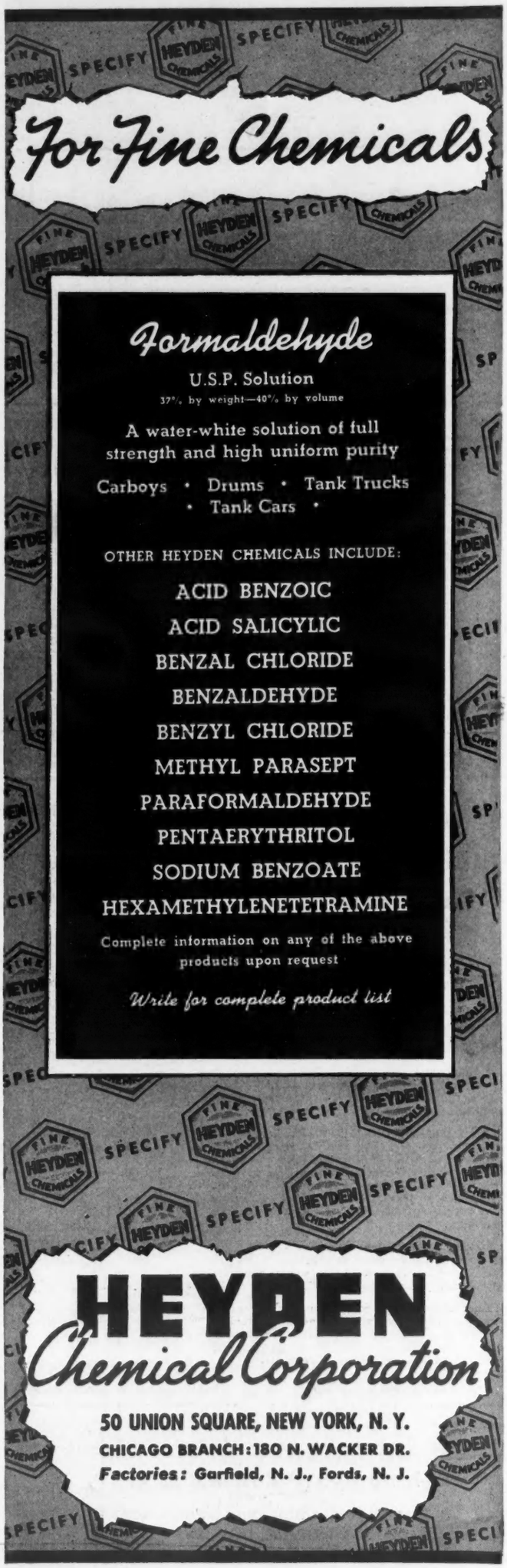

Paint Specifications Submitted by B. of S.

--Continued from page 3

Daylight reflectance.—Not less than 80 percent, relative to magnesium oxide.

Consistency.—Not less than 50 nor more than 200, using the Gardner mobilometer with the 51-hole disk, a total moving load of 100 grams and a distance of 10 CM. at 25° C.

Flexibility.—The paint after drying on bright tin plate for eighteen hours and then baking at 105° to 110° C. for five hours, and then cooling for 15 minutes at 25° C. (77° F.) shall not crack when bent over a half-inch rod.

Performance:—

"Bleeding test."—There shall be no perceptible bleeding when painted over a bituminous surface.

Wear resistance.—Shall be at least equal to that of the standard comparison paint.

Weathering properties.—Shall be at least equal to that of the standard comparison paint.

Traffic Paint, Yellow

(TT-C-291, chrome yellow, and TT-Z-301, zinc oxide are a part of this specification.)

The paint shall conform to the following requirements:—

Drying properties.—Shall set to touch in not more than twenty minutes; and shall dry hard in not more than one hour, at temperature between 20° and 25° C. so that there will be no "pick-up" or discoloration caused by traffic.

Wet hiding power.—Not less than 300 square-feet per gallon.

Color.—The color shall be "Federal Yellow" and, if required, shall match a sample mutually agreed upon between buyer and seller.

Consistency.—Not less than 50 or more than 200, using the Gardner mobilometer with the 51-hole disk, a total moving load of 100 grams and a distance of 10 cm. at 25° C.

Flexibility.—The paint after drying on bright tin plate for eighteen hours, then baking at 105° to 110° C. for five hours, and then cooling for fifteen minutes at 25° C. (77° F.) + 1° C. shall not crack when bent over a half-inch rod.

Performance:—

"Bleeding test."—There shall be no perceptible bleeding when painted over a bituminous surface.

Wear resistance.—Shall be at least equal to that of the standard comparison paint.

Weathering properties.—Shall be at least equal to those of the standard comparison paint.

Light-exposure test.—When tested in accordance with paragraph F-7D, the paint shall show not more than a very slight darkening.

Flashpoint.—The flashpoint of the paint shall be not below 50° F. (tag, open cup).

Concrete, Masonry Paint

The paint shall conform to the following requirements:—

Composition:—

Pigment.—The base pigment shall consist of any or of any suitable mixture of the following:—White lead (sulphate of carbonate), leaded zinc oxide, zinc oxide, and titaniums (except calcium-base types); except that zinc oxide (ZnO) content shall be not less than 20 percent and not more than 30 percent, by weight, of total pigment. The balance of the pigment shall be inert siliceous matter and, in the case of tints, suitable tinting material.

Vehicle (liquid).—The vehicle shall consist of drying oils, varnish, or a mixture thereof; and turpentine and volatile mineral spirits, or a mixture thereof. The vehicle shall contain not less than 45 percent, by weight, of nonvolatile matter.

The paint shall consist as follows:—

	Percent—Maximum.	Percent—Minimum.
Pigment	....	60.0
Vehicle (nonvolatile matter shall be not less than 45 percent)	40.0	....
Water	1.0	....
Coarse particles and skins (the total residue on a No. 325 sieve), based on pigment	2.0	....
Volume of pigment in total nonvolatile of paint	55.0	45.0

Color.—The paint shall be white or tinted. The white paint shall have an apparent daylight reflectance of not less than 75 percent relative to magnesium oxide. When specified, tinted paints shall match a sample mutually agreed upon by buyer and seller.

Drying properties.—The paint shall set to touch in not more than four hours, and shall dry hard in not more than eighteen hours.

Wet hiding power.—The wet hiding power of the white paint shall be not less than 200 square feet per gallon. Tinted paints shall hide better than white paint. The minimum hiding power, in terms of daylight reflectance, shall be as follows:—

Reflectance of tint (percent)	70	65	60
Hiding power (square feet per gallon)	225	250	275

Flexibility.—Shall meet test specified in paragraph F-2E.

Water-resistance.—The vehicle of the paint shall meet test specified in paragraph F-2B.

Working properties and surface appearance.—The paint shall have good flowing and brushing properties, and shall dry to a uniform smooth level appearance without streaking, running, or sagging. The dried paint shall have an eggshell appearance.

Spraying Lacquer

(VV-G-101, motor gasoline, is a part of the proposed specification.)

The lacquer shall be of spraying consistency or shall be of spraying consistency when combined with requisite thinner (either shall be permitted). There shall be no more caking or settling than will permit the lacquer to be stirred readily to a smooth uniform material.

Chemical and physical requirements.—The following chemical and physical requirements are based upon lacquer of spraying consistency and the tests to determine compliance therewith shall be made only upon lacquer of such consistency:—

Nonvolatile matter.—The nonvolatile matter shall be not less than 15 percent, by weight.

Consistency.—The lacquer shall have a consistency of 40 to 90 centipoises at 25° C.

Working properties.—The lacquer shall show satisfactory working properties when applied by a spray gun.

Drying properties.—The lacquer shall dry free from tackiness within ten minutes and after drying at 20° to 30° C. for twenty-four hours shall be sufficiently hard to permit polishing to a high gloss.

Flexibility.—The lacquer shall meet the test indicated under paragraph F-2G.

Wet hiding power.—The lacquer shall have the following (minimum) wet hiding power as determined with the "black and white" cryptometer:—

	Sq. ft. per gal.
White and yellow	175
Other colors	225

Blushing.—The lacquer shall have sufficient resistance to precipitating action of high humidity to prevent the formation of streaks and discoloration.

Self-lifting.—The lacquer shall show no tendency of self-lifting over a dried undercoat of the lacquer.

Cold water resistance.—Shall meet test indicated under paragraph F-2K.

Hot water resistance.—Shall meet test indicated under paragraph F-2L.

Alcohol and gasoline resistance.—Shall meet tests indicated in paragraph F-2M.

Dilution test.—Shall meet test indicated in paragraph F-2N.

Appearance of lacquered surface.—The lacquer shall dry to a uniform smooth finish with not more than traces of "orange-peeling" and with no wrinkling or pitting.

Benzol (benzene).—The material shall be free from benzol.

Magnesium Silicate

(RR-S-366, standard testing sieves, is a part of the proposed specification.)

The magnesium silicate shall consist essentially of naturally occurring hydrated magnesium silicate. The magnesium silicate shall have satisfactory fibrous characteristics and be of a good white color.

The magnesium silicate shall meet the following requirements:—

Coarse particles retained on a No. 325 sieve.—Not more than 3 percent, by weight.

Acid-soluble matter.—Not more than 10 percent, by weight.

Moisture loss at 105°-110° C.—Not more than 1 percent, by weight.

Lacquer Thinner

(VV-L-791, lubricants and liquid fuels, is a part of the proposed specification.)

The thinner shall be a clear liquid free from sedimentation or suspended matter. The thinner shall meet the following requirements:—

Specific gravity.—The specific gravity shall be not less than 0.850 and not more than 0.860 and 20°/20° C.

Distillation range. — Initial boiling-point, not below 85° C; end point, not above 155° C.

Component content:—

	Percent by weight Maximum	Minimum
Aromatic hydrocarbons	45	35
Esters	50	40
Alcohols	20	10

Nonvolatile matter at 105° to 110° C.—The nonvolatile matter at 105° to 110° C. shall be not more than 0.005 gram per 100 ML.

Color.—The color shall be not darker than a solution of 0.003 gram reagent quality potassium bichromate in one liter of distilled water.

Odor.—The thinner shall leave no residual odor after drying on filter paper.

Spot test.—The thinner shall meet the test specified under paragraph F-2G.

Water.—The thinner shall meet the test specified under paragraph F-2H.

Sulphur.—The thinner shall be free from sulphur in any form.

Acid value (neutralization number).—Shall be not more than 0.28.

Copper Corrosion.—Shall meet the test specified under paragraph F-2K.

Benzol (benzene).—The thinner shall be free from benzol.

Paint, Varnish, Lacquer Materials

General Raw Paint Materials Market More Settled — Defense Industries Business Brisk—Casein Higher—Titanium Oxide Exports Nearly Doubled—Turpentine Sharply Higher

Activity in the general market for raw paint materials slackened slightly last week and seemed to settle into a more normal groove. Industrial consumers apparently were resigned to allocations and restrictions and were concentrating on obtaining as much of their needs as possible, without attempting to fill all of them. Defense industry business remained very brisk.

Casein was advanced again as supplies in this country dwindled further. Output was also at lower levels. Hide and bone glues remained strong and nominal, with an advance recorded in the latter. Business in dry colors was brisk, with many materials hard to obtain. Varnish gum markets were firm here and abroad.

Pigments were moving well with suppliers of lead products apparently able to fill all orders, except for lead sulphates. Zinc oxides and titaniums were in tightest supply. Exports of titanium oxide from the United States amounted to 7,504,000 pounds during the first five months of 1941, compared with 4,373,000 pounds in the similar period last year. Turpentine continued in good demand and prices again advanced sharply. Rosin prices were generally firm, changes being within comparatively small limits.

Metallic Lead and Zinc

Demand for pig lead remained very heavy, with a bit more metal available due to easing of allocation stringencies. Output was reported well maintained. Prices were firm and unchanged. There was no notable increase in output or offerings of slab zinc. Suppliers continued to allocate sales. Price was steady and unrevised.

Lead.—Prevailing spot prices at New York, St. Louis and London for the period from August 9 to August 15, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York. E. St. Louis.		£ s. d.
Saturday	$0.0585@.0590	$0.0570	.. * .. ..
Monday	.0585@.0590	.0570	.. .. ..
Tuesday	.0585@.0590	.0570	.. .. ..
Wedn'sd'y.	.0585@.0590	.0570	.. .. ..
Thursday	.0585@.0590	.0570	.. .. ..
Friday	.0585@.0590	.0570	.. .. ..

* London exchange closed.

Price Changes

Advanced

Casein, dom., 1c. per lb.
imp., Argentine, ½c. per lb.
Glue, bone, 1c. per lb.
Rosin, gum, 3c. to 8c. per 100 lbs.
Turpentine, gum, 15½c. per gal.
s.d., 16c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.8	129.8	129.8	126.2

Market news that may have developed after this report was sent to press will be found on page 4.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from August 9 to August 15, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York. E. St. Louis.		£ s. d.
Saturday	$0.0765	$0.0725	.. * .. ..
Monday	.0765	.0725	.. .. ..
Tuesday	.0765	.0725	.. .. ..
Wednesday	.0765	.0725	.. .. ..
Thursday	.0765	.0725	.. .. ..
Friday	.0765	.0725	.. .. ..

* London exchange closed.

Pigments

Antimony White.—Market interest started to slacken a bit but movement into consumption remained at high levels. Prices were steady.

Blue Lead.—Demand remained at fairly high levels. Shipments were heavy. Price firm and unchanged.

Flake White.—Good demand reported. Price steady.

Litharge.—Consumers were ordering in good volume. Movement was above normal. Prices were firm.

Lithopone.—Interest in this direction was well sustained during the week. Contract deliveries featured the market. New business discouraged. Prices steady.

Orange Mineral.—Steady movement reported. Deliveries regular. Offerings normal. Prices unchanged.

Red Lead.—Market reflected steadiness of metal. Demand good.

Titanium Pigments.—Continued to set pace, with only contract customers being supplied. Prices firm.

White Lead.—Good movement. Demand heavy. Prices steady.

Zinc Oxides.—Sellers continued to allocate supplies. Material unavailable to all but contract customers. Prices steady. May imports were 13,780 pounds.

Lithopone

Lithopone shipments to foreign countries have been the feature of foreign trade in pigments since the outbreak of the war. These shipments climbed to 28,596,721 pounds in 1940 from 9,690,621 in the previous year. During the first four months of 1941 exports totaled 17,903,524 pounds, against 9,215,285 in the similar period of 1940, indicating that unless the government clamps down heavily on exports the 1940 gain will be consolidated and surpassed. Imports of lithopone have been so minute since the beginning of 1940 that they have not been recorded by the Bureau of Mines. Imports were 2,641 short tons in 1939.

Lithopone sales last year totaled 151,802 short tons, against 142,759 in the previous year, but value per ton receved by producers dropped to $67 from $73. Quotations in August, 1939, were 5¼c. per pound for car lots of the titanated material in bags and 4¾c. for the ordinary. Prices were reduced in January, 1940, to remain unchanged through that year, but were hiked on the first of 1941 so that the titanated is back at 5¼c. and the ordinary is at 4.85c.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Fed. Production Clubs, Oct. 27-28, Chicago.
Nat. Paint, Varn. and Lacq., Oct. 29-31, Chicago.

EXCELLENT MISCIBILITY WITH OILS & VARNISHES
LIGHT IN COLOR (IDEAL FOR WHITES)
EASY BRUSHING & GOOD LEVELING
VERY GOOD GLOSS & COLOR RETENTION
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NEUTRAL WITH BASIC PIGMENTS

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60% SOLIDS—40% MINERAL SPIRITS

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YELLOWS • REDS • BROWNS • BLACKS

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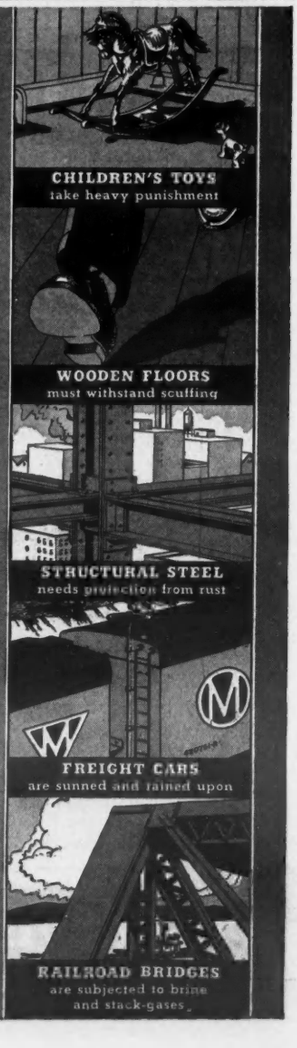

STEARATES
ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
Stocks at
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CHICAGO
ST. LOUIS
KANSAS CITY
DALLAS
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Black East Indias • Elemi • Manila • Batavia Damars • Kauri
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A-3
THE NEVILLE COMPANY
PITTSBURGH • PA.

Driers

The situation in stearates and palmitates was unchanged during the week. Producers maintained a policy of allocated sales to regular customers, with reports of small amounts of spot resale material available. The price structure ws steady and unchanged.

Fillers and Extenders

Asbestos.—Prices showing strength. Demand good.

Asphaltum.—Demand well maintained. Shipments normal and in good volume. Prices steady and unchanged.

Barytes.—The market continued to move in normal manner during the past week. Demand and offerings were at previous levels. Prices were firm. May imports totaled 100 long tons from Cuba.

Blanc, Fixe.—No changes from previous week. Demand good. Prices steady.

China Clay.—Demand satisfactory. Movement normal and in good volume. Prices firm.

Diatomaceous Earth.—All grades attracting satisfactory interest. Prices firm.

Fullers Earth.—Little of new interest. Prices firm and unrevised.

Graphite.—Movement large. Prices steady.

Gypsum. — Good call. Shipments heavy. Quotations unaltered.

Marble Flour.—Demand good. Tone stable.

Mica.—Offerings smaller. Supplies tight. Prices unchanged.

Talc.—Routine demand for domestic grades. Prices firm and unchanged.

Whiting.—Stocks fairly low. Demand good. Prices firm. May imports were 200 pounds from Canada.

Naval Stores

The strength of turpentine was again the feature of the naval stores situation last week. With demand active and supplies and offerings diminishing, the trend of Southern and local markets was again strongly upward. On Wednesday sales were reported at Savannah at 68¾c. per gallon which compared with 60 cents at the close of the previous week and 49¼c. in the week before that. It was reported that the government secured about 13,000 drums through the request for offerings sent to dealers in the previous week. The turpentine, it was reported, will be sent to Britain as the first shipment in meeting that government's request for 90,000 drums. The government remained in the market last week as a seller of both turpentine and rosin. The tone of rosin was firm in the main but changes in prices were within comparatively small limits. Receipts of rosin and turpentine were moderate and to some the indications now point to a reduction in the output this season as compared with the previous year of about 10 percent. An increase of one-half cent per pound in rosin-loan values to producers was officially announced last week.

Turpentine.—Local turpentine quotations advanced sharply last week in company with the course of primary prices. A good demand continued to be reported.

SAVANNAH, Aug. 15.—Following is a record of the turpentine market for the week:—

	Gallons—Cents.	Gallons—Sales.	Barrels—Receipts.	Barrels—Shipments.	Barrels—On hand.
Saturday*	...	...	...	...	...
Monday	62½	16,593	15	56	16,593
Tuesday	65¾	17,900	409	4,736	12,266
Wednesday	68¾	5,650	246	33	12,479
Thursday	75	12,755	111	...	12,590
Friday	75½	12,000	217	77	12,730

* No trading.

JACKSONVILLE, Aug. 13.—Turpentine stock, 9,752 barrels.

PENSACOLA, Aug. 9. — Turpentine stock, 8,762 barrels.

Chicago—Aug. 15

Turpentine is extremely active. Ruling prices at the close of business last night were:—Five-drum lots, 78c. per gallon; five wood barrels, 83c.; single drums, 81c.

Rosin.—Trade in the local market was on a fair scale last week, much of the purchasing being limited to moderate lots. The prevailing tone was firm.

SAVANNAH, Aug. 15.—Following is a record of the rosin market for the week:—

	Price per unit—*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$2.43	$2.43	$2.44	$2.44	$2.44
D	...	2.43	2.43	2.44	2.45	2.44
E	...	2.43	2.43	2.44	2.45	2.46
F	...	2.43	2.44	2.44	2.45	2.46
G	...	2.43	2.44	2.44	2.45	2.46
H	...	2.43	2.44	2.44	2.45	2.46
I	...	2.42	2.44	2.43	2.45	2.45
K	...	2.43	2.44	2.44	2.46	2.46
M	...	2.48	2.48	2.48	2.48	2.50
N	...	2.51	2.51	2.51	2.51	2.52
WG	...	2.68	2.69	2.69	2.65	2.70
WW	...	2.93	2.91	2.90	2.92	2.93
X	...	2.93	2.91	2.90	2.92	2.93

	Barrels				
Sales	386	303	682	498	690
Receipts	698	1,001	927	377	773
Shipments	1,270	4,745	840	138	1,451
Stocks	...	...	...	...	118,274

* No trading.

JACKSONVILLE, Aug. 13. — Rosin stock, 299,446 barrels.

PENSACOLA, Aug. 9.—Rosin stock, 24,545 barrels.

Chicago—Aug. 15

Rosin more active. Ruling prices in five-drum lots at the close of business last night were:—B grade, $3.93 per 100 pounds net; G grade, $3.94; M grade, $3.98; W.W. grade, $4.41.

Other Naval Stores

Pine Oil. — Tone remained firm. Local demand increased. Steady contract movement.

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DRY COLORS OF MERIT—QUALITY PIGMENTS
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No. 8 Can Filler
Fills liquids or semi-Fluids into Tubes, Cans or Jars at the rate of thirty containers per minute.
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ALLIED ASPHALT & MINERAL CORP.
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Agents and Warehouse Stocks in Principal Centers

Pitch.—Quotations firm. Spot stocks light. Demand good.

Rosin Oil.—Demand stimulated by recent developments in basic material. Market firm.

Tar.—Increased movement to local and other consumers. Tone firmer.

Lacquer Materials

A scarcity of important lacquer materials and solvents remained in evidence last week. Sellers usually allocated available quantities among regular consumers. Expanding requirements under the defense program brought about some delays and dislocations in shipments. It was difficult to obtain any spot supplies of acetone and small lots in outside market passed at high premium levels. Butyl acetate and alcohol were actively sought, with bulk of business confined to contracts, prices in the resale market were at high levels. Dibutyl phthalate was practically all absorbed for defense purposes. Ethyleneglycol, isopropyl acetate and tricresyl phosphate were in tight position, and supplies were allocated.

Acetone.—Supplies scarce, offerings limited to contracts. Prices firm. Resale 15c. to 17c. per pound.

Butyl Acetate.—Shipments moved actively against contracts. Prices display firmness. Resale 16½c. to 18½c. per pound.

Butyl Alcohol.—Active inquiry, with selling usually limited to regular channels. Resale 15½c. to 17½c. per pound.

Dibutyl Phthalate.—Scarcity continues because of defense needs. Prices remain firm.

Ethyleneglycol.—Situation tight and business restricted. Prices underwent no alteration.

Isopropyl Acetate.—Steady demand, with supplies well absorbed. Prices rule firm.

Tricresyl Phosphate. — Available supplies allocated among regular consuming trade. Pricewise a firm tone predominated.

Shellac

Undertones remain firm in the local market for shellac. Demand continued to show some of its recently slower quality, but the recession in business was probably less than normal during the summer months. Quotations retained stability on spot and remained exceptionally steady in Calcutta. The advances there that had been laid to speculative activity rather than to any serious change in available supplies have been followed by a period of greater stability. Throughout the past week local buyers displayed but moderate interest in the shipment proposals from the primary market.

Dry Colors

Alkali Blue.—Market settled into a more normal groove. Shipments heavy. Price unchanged.

Bone Blacks. — Contract ordering well maintaned. Consumers taking good amounts. Inquiries for future up. Prices steady.

Carbon Blacks.—Tire manufacturers continued to order in good volume and the activity in this item remained brisk. Prices were firm and unchanged.

Chrome Colors. — Producers curtailed offerings still further and sales were strictly allocated. Stocks were low. Prices firm.

Iron Oxides.—Conditions unchanged from the previous week. Offerings few, demand large. Prices steady. May imports totaled 1,086,608 pounds of the natural and 281,362 of the synthetic.

Mercuric Oxides.—Continued improvement in demand reported. Business running ahead of last year. No changes in prices.

Ochres.—Good call for domestic material. May imports of washed or ground product totaled 21,504 pounds.

Siennas.—Movement small due to tight supplies. Prices firm.

Vermilion. — Market interest sustained at good level. Price steady and unrevised.

Varnish Gums

The market remained firm as demand held to previous levels. Offerings were normal. Recorded May imports totaled 2,170,085 pounds of dammar; 1,611,791 pounds of copal and 84,540 of kauri, according to the Department of Commerce.

Synthetic Resins

Ester gum prices continued to show strength last week as many producers offered less freely. Stocks were beginning to dwindle somewhat and difficulty in securing raw materials was an attributing factor in the tightness of the market. Demand remained heavy for both contract delivery and new business.

Glues and Binders

Casein. — Domestic material advanced 1c. per pound to range of 24c. to 25½c. for cariots of the 20-30 mesh. Argentine material hiked ½c. per pound to 23c. to 24c. United States imports from all sources amounted to 13,000,000 pounds during the first five months of 1941. This was about 50 percent higher than imports during

uniform quality

by the pound
by the barrel
by the carload

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Being a pure Hydrocarbon resin, PICCOLYTE has the decided advantage of being chemically inert. It is non-reactive, and resists alkalies, acids, salt water, fumes, alcohol and chemicals of various kinds.

PICCOLYTE is soluble in paint oils and extremely soluble in low-cost naphthas; is compatible with paraffin wax, other resins, paint oils, rubber, cyclized rubber; is thermoplastic, unsaponifiable; is pale in color and non-yellowing; is available in melting points from 10° C. to 125° C.

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Gentlemen: Please send me a sample of PICCOLYTE for
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PLYMOUTH STEARATES
ALUMINUM — ZINC — CALCIUM — MAGNESIUM
Established Qualities Manufactured for thirty years by
DISTRIBUTORS: THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO., AND BRANCHES
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the similar period of 1940. Despite this, supplies in the United States are running low.

Glues.—Prices strictly nominal due to scarcity of material. Bone glues up 1c. per pound.

Rosin Loan Value Boosted Half-Cent

—*Continued from page* 3

rosin eligible under the program, CCC officials said. Gum naval stores loans are all made through the American Turpentine Farmers Association Co-operative, Valdosta, Ga.

The request for an increased loan rate was based on increases in costs for both labor and supplies and on the recently enacted law making it mandatory for the department to loan 85 percent of parity prices on basic commodities.

Gum rosin remaining pledged to the corporation August 13 amounted to approximately 1,000,000 barrels and drums. Production during the past two years has been reduced, and consumption during the current year is almost certain to increase. Informal British requests have been received for about 25,000 barrels of rosin to be supplied from stocks held by CCC under the terms of the lend-lease law. This is in addition to an extended increase in domestic consumption resulting from the defense program.

As a result of these various factors, the department estimates that the gum rosin carryover at the beginning of the next crop year, April 1, 1942, will amount to approximately 1,550,000 barrels, a decrease of about 100,000 barrels from the estimated carryover of 1,650,000 barrels April 1, 1941.

Hardboard Firms Cleared Of Antitrust Charges

Ten companies in the hardboard industry have been cleared of government charges of violation of the Sherman antitrust act in Federal district court here.

The companies are the Masonite Corporation, the Celotex Corporation, the Certain-teed Products Corporation, the Johns-Manville Sales Corporation, the Insulite Company, the Flintkote Company, the National Gypsum Company, the Wood Conversion Company, the Armstrong Cork Company, and Dant & Russell, Inc.

The government's complaint grew out of litigation between the Masonite company and the Celotex company, in which the former's patents were upheld. After the Masonite company won recognition of its patent claims, the Celotex company went into receivership and became an agent for the Masonite company as did the other defendants. The court pointed out that the Masonite firm had established its patent rights for the composition board invented by W. H. Mason. The government will appeal the decision to the Supreme Court of the United States.

R.M. Neumann Better

Ralph M. Neumann, general sales-manager of the New Jersey Zinc Sales Company, who is now at Buck Hill Falls, Pa., recuperating from pneumonia, is expected to be back at his office around September.

Taken ill at his home in Short Hills, N. J., Mr. Neumann has been away from the company's headquarters at 160 Front street, this city, since July 2.

Lewis Asphalt Engineering Corporation's Clark Township, N. J., plant was swept by fire August 13. Damage was estimated at $50,000.

E. V. Peters, vice-president of the St. Joseph Lead Company, this city, returned last week from a vacation spent at his Summer home in Vermont.

Current Market Quotations

Zinc Oxide—Zirconium

—*Continued from page* 25

Zinc, oxide, pigment, dom., Amer., process, com'l, leaded, 5%, bgs., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd.	lb.	.06¾-	—
35%, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd.	lb.	.06¼-	—
bbls., c.l., dlvd.	lb.	.06¼-	—
l.c.l., dlvd.	lb.	.06½-	—
50%, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd.	lb.	.06¼-	—
bbls., c.l., dlvd.	lb.	.06¼-	—
l.c.l., dlvd.	lb.	.06½-	—
French process, com'l, lead free, bgs., c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd.	lb.	.07 -	—
green seal, bgs., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd.	lb.	.08½-	—
bbls., c.l., dlvd.	lb.	.08½-	—
l.c.l., dlvd.	lb.	.08¾-	—
red seal, bgs., c.l., dlvd.	lb.	.07¾-	—
l.c.l., dlvd.	lb.	.08 -	—
bbls., c.l., dlvd.	lb.	.08 -	—
l.c.l., dlvd.	lb.	.08¼-	—
white seal, bgs., c.l., dlvd.	lb	.08¾-	—
l.c.l., dlvd.	lb.	.09 -	—
bbls., c.l., dlvd.	lb.	.09 -	—
l.c.l., dlvd.	lb.	.09½-	—
imported, gold seal, cks., ex whse.	lb.	No prices	
green seal, bbls., ex whse.,	lb.	No prices	
white seal, cks., ex whse.	lb.	No prices	
USP, l.c.l., 50-lb. ctns., 50-lb.	dms.	.10	Nom.

Lead-free and 5% and 35% leaded zinc oxide in car lots are ½c. per lb. higher delivered Pac. Cst., and in less car lots are ½c. per lb. higher ex whse. Pac Cst.; 50% leaded is 5.6c. per lb. higher for car lots delivered Pac. Cst.

Palmitate, bbls.	lb.	.24½-	.27½
Resinate, fused, pale, bbls.	lb.	.10 -	—
precip., dms., dlvd.	lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., one ton.	lb.	.27 -	—
smaller lots	lb.	.28 -	—
USP, bbls.	lb.	.25 -	.27
Sulphate, cryst., bgs., c.l.,	100 lbs.	3.40 -	—
l.c.l.	100 lbs.	4.15 -	—
bbls., c.l.	100 lbs.	3.85 -	—
l.c.l.	100 lbs.	4.40 -	—
flake, bgs., c.l.	100 lbs.	3.80 -	—
l.c.l.	100 lbs.	4.55 -	—
bbls., c.l.	100 lbs.	4.05 -	—
l.c.l.	100 lbs.	4.60 -	—
powd., bgs., c.l.	100 lbs.	5.35 -	—
l.c.l.	100 lbs.	6.10 -	—
bbls., c.l.	100 lbs.	5.60 -	—
l.c.l.	100 lbs.	6.35 -	—
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.07¾-	—
l.c.l., dlvd.	lb.	.08 -	—
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd.	lb.	.08 -	—
l.c.l., dlvd.	lb.	.08¼-	—
barium, pigment, bgs., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd.	lb.	.05½-	—
calcium pigment, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd.	lb.	.05½-	—
magnesium pigment, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd.	lb.	.05¾-	—

Car lot prices are ½c. higher delivered Pac. Cst. and less car lot prices are ½c. higher ex whse. Pac Cst.

Sulphocarbolate, NF, bbls., dms.	lb.	.24 -	.29
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15 -	—
l.c.l., works	100 lbs.	6.35 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex whse., Pac. cst.	lb.	.05¾-	—
Zirconium nitrate, kgs., works	lb.	3.00 -	4.00
Oxide, crude, 76-75%, fr., bbls., works.	ton.	75.00 -	100.00
white, 98%, grd., kgs., works,	lb.	1.80 -	2.00

Synthetic Resins

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the August 4 issue, the next printing will be in the September 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market which begins on page 37.

Material Substitutes Studied by Navy

—*Continued from page* 3

items which are on the list of critical materials and where scarcity has become a national problem. Except where regulations of the Office of Production Management apply, the lists as issued have not been compulsory, but are made as suggestions of materials that may be used in general construction work without losing the advantages obtained through the use of conventional products.

Vermiculite Products Company, Houston, plans the mining of the Burnet, Tex., mica deposits on a large scale.

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents In Principal Cities
Distillers of Coal Tar Products

Rheem
REGISTERED TRADE MARK
STEEL SHIPPING DRUMS
RHEEM MANUFACTURING CO.
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Houston, Texas New Orleans, La.
Richmond, Calif. Los Angeles, Calif.
Sparrows Point, Md.
Sydney, Australia

SLCO
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products
STANDARD ULTRAMARINE CO.
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Oil, Fats, and Waxes

July Refined Cottonseed Oil Consumption 316,336 Barrels —Market Easier with Lard—Linseed Oil Reduced by Crushers —Chinawood Remains Firm—Trade Generally Quiet

Business in the general market for vegetable, animal and fish oils, fats and greases remained rather quiet last week. In scattered instances a fairly active inquiry was noted but as a rule consumers were still disinclined to purchase in advance of immediate requirements. Offerings were light in many cases and the prevailing tone was firm. There were comparatively few changes in quotations. A development of interest was the publication of the monthly cottonseed report from the Census Bureau. This showed that consumption of refined oil during the season ended with July was 476,500 barrels larger than in the previous season and 805,300 barrels greater than in the season ended with July, 1939.

Vegetable Oils

Castor, Dehydrated.—Demand continued good. Output moving in steady and liberal volume. Market firm.

Chinawood.—Firm at recent advance. Inquiry good. Supplies generally limited to small lots.

Coconut.—Crude still in light supply on spot. Quotations nominal. Future positions steady.

Cottonseed.—Edible oil advanced ½c. Demand fairly active.

Oiticica.—Steady inquiry. Offerings light. Market firm.

Olive.—Quotations maintained. Supplies generally light. Tone firm.

Peanut. — Crude nominally ¼c. higher. Offerings light. According to government report, prospects August 1 pointed to picked and threshed peanut production this year of 1,486,610,000 pounds; 14 percent less than last year.

Perilla.—Fair inquiry. Some quarters bare of supplies. Tone firm.

Rapeseed.—Quotations maintained. Demand fairly active.

Soybean.—Quotations shaded about ¼c. Twenty tanks new crop crude reported sold at 9c. per pound, Western mill points. Government estimates bean production this year 109,000,000 bushels against 79,837,000 bushels last year.

Price Changes

Advanced

Capric acid, ½c. per lb.
Cottonseed oil, edible, ½c. per lb.
Palm oil, Niger, ¼c. per lb.
Palm oil fatty acid, ½c. per lb.
Peanut oil, crude, ¼c. per lb.
Tallow oil, ¼c. per lb.

Reduced

Lard, 15c. to 30c. per 100 lbs.
Linseed oil, 2-10c. per lb.
Soybean oil, ¼c. per lb.
Soybean oil fatty acid, ¾c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
165.0	**165.1**	**161.9**	**94.6**

Market news that may have developed after this report was sent to press will be found on page 4.

There was no trading in soybean oil futures in the New York Produce Exchange, from August 11 to August 15, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
October	...	...	9.50 bid
December	...	...	9.30 bid

Markets at Other Centers

Chicago—Aug. 15

Vegetable oils continue rather active.

Coconut.—Refined, edible oil, 13c. to 13½c. per pound, drums, car lots; 13½c. to 14c., drums, less car lots.

Corn.—Crude, mills, 12c. to 12¼c. per pound. Refined, edible oil, 14¼c. to 14½c. per pound, drums, car lots; 14½c. to 15c., drums, less than car lots.

Peanut.—Crude, South, 11½c. to 11¾c. per pound.

Soybean.—Crude, August-forward, 9¾c. to 9⅞c. per pound; new crop, 9¼c. to 9⅜c.

The market for soybeans on the Chicago Board of Trade was quieter. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	Closing— Aug. 15.	Aug. 8.
Cash, No. 2.	$1.54½	$1.54	...	...
Oct.	1.46⅜	1.42	1.45¾	$1.46½
Dec.	1.47½	1.43½	1.46⅜	1.47⅝

San Francisco—Aug. 13

Vegetable oils continue to move within limits fixed by the availability of supplies with a firm tone fully apparent everywhere. All of the Japanese oils have disappeared from the market. There is a good trade in coconut oil and a very fair interest in oiticica.

Coconut.—Sales at 6¼c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills. Copra 3.85c. to 4c. per pound.

Chinawood.—Only limited supplies being released for sale. Tankcars of syndicate oil named at 32c. per pound, f.o.b. Pacific Coast ports. "Free" oil 35c. in drums.

Oiticica.—Solid oil quoted 21c. per pound in drums; liquid at 22c., f.o.b. San Francisco.

Babassu.—Quoted 9¼c. per pound in tankcars, f.o.b. Pacific Coast mills.

Palm.—Nominal at 5¾c. per pound in tankcars.

Palm Kernel.—Nominal at 6¾c. to 7c. per pound in tankcars, f.o.b. San Francisco.

Rapeseed.—Argentine oil, denatured and refined, quoted at 10½c. to 10¾c. per pound in tankcars, f.o.b. Pacific Coast.

Linseed Oil

Flaxseed price trend downward in domestic markets. Linseed oil easier. Meal steady.

Flaxseed. — Duluth, Aug. 15. — Flax prices dropped during the week as the Northwest crop began to move more liberally toward the markets. The week's closing flaxseed price range was as follows:—

	Cash.	Sept.
Saturday	$1.86	$1.88
Monday	1.85	1.86
Tuesday	1.84	1.83
Wednesday	1.85½	1.84¾
Thursday	1.85	1.84
Friday	1.86	1.85¼

Crop movement in bushels follows:—

	Receipts— 1941.	1940.	Shipments— 1941.	1940.
This week	19,835	49,569	.....	.....
Since Aug. 1..	68,970	54,167	12,245	3,112

Minneapolis, Aug. 15.—The new Northwestern flaxseed crop is moving in earnest now and demand is keeping pace with supply. Indications are that quality will average considerably better than a year ago.

Trade in the pit has been good with country hedging pressure more liberal at present and crushers taking offers freely on all setbacks on a scale down. Directors of the Minneapolis Chamber of Commerce authorized trading in futures contracts covering 500 bushel lots. Heretofore the minimum has been 1,000 bushels. The change was made in response to

Linseed Oil

A reduction in linseed oil prices last week apparently had little effect upon sentiment in oil trade circles as to the probable course of the market in the long run as consumption seems to be steadily increasing and at a pace which, in the opinion of some, indicates that the requirements of consumers during the current season may reach figures far in excess of any yet recorded.

According to official statistics consumption of linseed oil during the second quarter of 1941 was 143,100,000 pounds. This compares with 106,787,000 pounds in the first quarter of the year, 99,295,000 pounds in the second quarter of 1940 and 91,869,000 pounds in the corresponding period of 1939. During the first half of the current year consumption has amounted to 249,887,000 pounds as compared with 192,298,000 pounds in the same time last year and 168,379,860 pounds in 1939.

It is estimated by some that at the present rate of consumption, to say nothing of a further increase, crushers will require considerably more seed this season than the country seems likely to produce. The crop was estimated by the government as of August 1 at 30,711,000 bushels. Large stocks of seed are held in Argentina but the shortage of ocean tonnage makes the outlook for sufficient supplies from that country very uncertain.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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numerous requests from farmers and country shippers. This no doubt will increase the volume of hedging. Basis of quotations will be 1,000-bushel transactions.

Futures declined sharply for two reasons, heavier receipts and the fixing of loan value below the parity level. The loan, according to Washington reports, will not be 85 percent of parity value, as in the case of grains, and will be extended only when farmers are unable to market their supply promptly.

So far there has nothing been done about slashing the import duty on Argentine seed. The governor of Minnesota and grain men joined with the farmers in vigorous protest against such action. While crushers and the rest hope for the best, they fear the worst because of the government foreign policy and especially results of the attempt to cultivate good neighbors in South America through economic concessions. It is estimated that Minnesota farmers received $21,000,000 for flax last year and taking 25c. a bushel off of the tariff wall would result in serious loss to them.

The week's closing flaxseed price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.85	$1.88	$1.91½
Monday	1.85	1.85	1.88
Tuesday	1.83	1.83	1.86½
Wednesday	1.84½	1.84½	1.88¾
Thursday	1.84	1.84	1.87
Friday	1.85	1.85	1.88½

Crop movement in bushels follows:—

	Receipts		Shipments	
	1941.	1940.	1941.	1940.
This week..	2,183,600	1,533,000	59,000	358,400
Since Sept. 1	14,837,600	5,934,400	2,308,450	2,739,000

DISTILLED
FATTY ACIDS
Tallow Fatty Acids
Cocoanut Fatty Acids
Cottonseed Fatty Acids
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Flaxseed Crop August 1 Estimate Up

The Department of Agriculture estimate as of August 1 of the 1941 flaxseed crop was 30,711,000 bushels. This compares with an estimate of 30,018,000 bushels a month earlier and with a production of 31,217,000 bushels in 1940. Harvesting is completed in California and considerable amounts of the crop have been harvested in all states except those of the extreme Northern Great Plains and Pacific Northwest. Late flax in Minnesota, North Dakota and Montana has been ripened prematurely by July hot weather with some damage to both yields and quality.

Details of the August 1 estimate with respect to the several producing states follow:—

	Yield per acre			Bushels Production		
	Average 1930-39.	1940.	Indicated 1941.	Average 1930-39.	1940.	Indicated 1941.
Illinois	....	15.0	12.0	.....	90,000	216,000
Michigan	8.7	9.0	9.5	64,000	72,000	57,000
Wisconsin	10.7	13.0	12.0	62,000	247,000	180,000
Minnesota	8.3	10.5	10.0	5,902,000	16,695,000	14,150,000
Iowa	9.2	14.0	12.5	235,000	2,520,000	2,925,000
Missouri	4.4	6.0	6.5	14,000	18,000	26,000
North Dakota	4.3	6.0	7.0	2,895,000	3,888,000	5,215,000
South Dakota	4.5	6.5	8.0	774,000	1,904,000	1,944,000
Nebraska	5.4	10.0	9.0	25,000	20,000	45,000
Kansas	6.1	9.0	8.0	341,000	1,314,000	1,088,000
Oklahoma	....	7.0	7.0	.....	119,000	140,000
Texas	....	6.0	6.5	.....	174,000	104,000
Montana	3.7	7.5	7.0	416,000	990,000	1,050,000
Idaho	....	8.0	10.0	.....	40,000	50,000
Arizona	....	18.5	21.0	.....	240,000	315,000
Washington	....	9.5	12.0	.....	48,000	12,000
Oregon	....	6.0	13.0	.....	24,000	26,000
California	17.1	21.0	16.0	745,000	2,814,000	3,168,000
United States	6.4	9.7	9.5	11,269,000	31,217,000	30,711,000

Winnipeg, Aug. 15.—The week's closing flaxseed price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.44⅛	$1.42⅜	$1.42⅝
Monday	....	1.42½	1.42½
Tuesday	1.44⅜	1.42⅜	1.42½
Wednesday	1.43⅝	1.43⅜	1.43⅝
Thursday	1.43½	1.43⅛	1.43½
Friday	1.43⅝	1.44⅛	1.44⅛

BUENOS AIRES, Aug. 15.—Flaxseed, September 75½c. per bushel. Exports this week, 682,000 bushels, including 567,000 to the United States. Total since January 1, as follows:—

To—	Bushels This year.	Last year.
United States	11,799,000	8,668,000
United Kingdom	940,000	5,837,000
Continent	642,000	11,856,000
Orders	.....	666,000
Others	1,021,000	727,000
Totals	14,402,000	27,694,000

Visible Supply

	Bushels.
Last week	19,685,000
Previous week	17,717,000
Last year	5,382,000

Linseed Oil.—An easier tone developed in the local oil market as the trend of flaxseed prices was mainly downward as a result of increasing receipts of new crop flaxseed, while trade in oil here continued disappointing. Quotations were reduced two points by crushers. The flaxseed crop was estimated by the government as of August 1 at 30,711,000 bushels, these figures showing a moderate increase as compared with the estimate a month earlier instead of a decrease as not a few in the trade had expected. Cash seed was in good demand in Northwestern markets and increased offerings were well absorbed. Crop news from Argentina was favorable.

Minneapolis, Aug. 15.—Linseed oil buying continues at a good pace seasonally. Crushers have a large portion of their output of the balance of this year spoken for and have disposed of fairly large quantities that will be shipped up to April of next year.

Quotations on tankcar lots, f.o.b. Minneapolis, 10.2c. per pound; cooperage car lots, 11.1c. per pound; warehouse lots, 11.5c. per pound.

Shipments of oil in pounds were as follows:—

	1941.	1940.
This week	4,700,000	2,750,000
Since Sept. 1	195,390,000	148,780,000

San Francisco, Aug. 13.—Linseed oil quieter. Tankcars, 9.8c. per pound; drum lots ex-mill, 10.7c.; drum lots ex-warehouse, 11.1c.

Cake and Meal.—The local market had a steady tone. Contract withdrawals of meal as well as new business were on a fair scale.

Minneapolis, Aug. 15.—Linseed meal fairly active, spot and futures. Quotations for shipment up to December 31, 100-pound sacks, $33.50 to $34; January-April shipments, $34 to $35.

Shipments of meal in pounds were as follows:—

	1941.	1940.
This week	6,480,000	5,240,000
Since Sept. 1	356,211,000	199,400,000

Cottonseed Oil

Refined cottonseed oil futures easier with lard. Trading quiet. Cottonseed products steady or firm in Southern markets.

Cottonseed Oil.—The principal development last week was the publication of the final cottonseed report from the Census Bureau for the season ended with July. Consumption of refined oil during the closing month of the year was larger than expected. the disappearance being 316,336 barrels which brought the total for the season up to 3,865,192 barrels. In the previous season the consumption was 3,388,658 barrels while in the season ended with July, 1939, it was 3,059,867 barrels. The visible supply at the end of last season was 893,800 barrels against 1,348,300 barrels at the close of the previous season.

The publication of last week's report was followed by a moderate advance in prices. In the main, however, the trend was downward during the week in company with lard and other commodities. The monthly government crop report pointed to a soybean production of about 109,000,000 bushels, or nearly 30,000,000 bushels more than in the previous season. Soybean prices weakened and quotations on soybean oil were shaded. Crude cottonseed oil was scarce in Southern markets and quotations were still generally nominal. Bids of 10½c. per pound were reported for new crop crude oil in some sections.

Cotton crop news was regarded as more favorable on the whole although reports to the effect that weevil were doing serious damage were received from important states. Memphis advices stated that some oil mills in that section will be in operation late in August. Receipts of live hogs in Western markets were generally moderate. The weight of the hogs received in Chicago during the week ended August 9 averaged 246 pounds against 242 pounds in the previous week.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 11 to August 15, inclusive, comprised 502 contracts. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	11.66	11.40	11.60@11.65
March	11.75	11.48	11.64 sale
September	11.97	11.78	11.88@11.94
October	11.71	11.49	11.68@11.75
December	11.69	11.38	11.60 sale

Crude, Southeast, 11c., Nom.

Chicago, Aug. 15.—Cottonseed oil remains quiet. Edible oil is 13¾c. per pound, drums, car lots; 14¼c. to 14½c., drums, less than car lots.

Cake and Meal.—Southern markets were generally reported as quiet with offerings light and the tone steady or firm.

Markets at Other Centers

Atlanta—Aug. 13

Cottonseed meal, $35.50 to $36 per ton. Prime crude oil 11c. per pound. Cotton crop conditions have not improved. Frequent showers favor weevil.

Memphis—Aug. 14

Crude cottonseed oil quiet. New crop oil 10½c. bid, Valley basis. Seed movement not yet under way and prices not established. Some mills in this section will be running late in August. Meal, 41 percent, $34.50 per ton, Memphis basis. Bulk cake, $31 per ton, Valley basis. Bulk hulls, $5.50 per ton; sacked, $8.50, prompt and September shipment. Cotton making favorable progress in this section. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	Aug. 7.	Aug. 14.
September	$33.50@——	$33.50@33.90
October	33.75@——	33.75@34.25
December	33.80@——	34.00@——
January	33.75@34.00	33.90@34.15

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Closing soybean meal futures:—

October	$30.20@30.50	$30.75@31.00
December	30.20@30.45	30.75@—
January	30.20@30.50	30.75@—

Fatty Acids

Capric Acid.—Inquiry continued good. Sales reported at higher prices.

Castor Oil.—Output moving steadily into consuming channels. Quotations maintained.

Coconut Oil.—Fatty acid firm with basic material. Steady demand.

Palm Oil.—Raw material in light supply. Demand fairly active. Quotations up 1c.

Red Oil.—Steady contract movement. New business active. Market firm.

Soybean Oil.—Quotations reduced ¾c. Raw material easier. Trade fairly active.

Stearic Acid.—Steady movement on contracts. New business fairly active. Crude material firm.

Chicago—Aug. 15

Fatty acids generally active. Corn oil, double distilled, 14c. to 14½c. per pound, tankcar; 14½c. to 15c., drums, car lots; 15c to 15½c., drums, less car lots; coconut oil, acidulated, 15c. to 15½c. per pound, tankcar; 15½c. to 16c., drums, car lots; 16c. to 16½c., drums, less car lots; cottonseed oil, double distilled, 13c. to 13½c., tankcar; 13½c. to 14c., drums, car lots; 14c. to 14½c., drums, less car lots; settled cottonseed soap stock, 60-62 percent basis, 3¼c. to 3½c.; boiled down soap stock, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 3½c. to 3¾c.

Fish Oils

Cod.—Quiet and nominal. Importations during May 121,705 gallons.

Sardine.—Refined oil firm. Increased request for moderate lots.

Seal.—This oil is now available on spot at 72c. per gallon in tankcars.

Shark.—For oil in tankcars, 71c. per gallon was quoted here last week.

Whale.—Moderate lots in fair demand. Market firm.

Markets at Other Centers

Baltimore—Aug. 12

Crude menhaden oil sold at 55c. per gallon, some 15 tanks being taken. Reports regarding fishing continue favorable. Refined fairly active at around 70 cents per gallon for light bleached oil in tankcars.

San Francisco—Aug. 13

Sales of Oregon and Washington pilchard oil at 55 cents per gallon in tankcars. In California, offerings of sardine oil at 57½c. were not taken.

Substantial quantities of fish were landed in the San Francisco Bay district and Oregon and Washington plants, with the northern coast districts so far doing considerably better than was hoped for. It is this heavier than anticipated production in Oregon and Washington that caused selling pressure.

Final settlement with the Monterey producers was effected by the fishermen late yesterday, when a raw fish price of $17 per ton was established. This compares with $16.50 being paid the San Francisco Bay fishermen. Following the opening of the season here in San Francisco on August 1, Monterey will become active at once, boats expected to go out tonight.

Fats and Greases

Grease.—Increased movement of moderate lots. Market tone firm.

Chicago, Aug. 15.—Choice white grease, 7¾c. to 8c. per pound; yellow, 7½c. to 7¾c.

Lard.—Local cash market easier with futures. Trade fairly active.

Chicago, Aug. 15.—Following is a lard price record, per 100 pounds, for the week:—

	High.	Low.	Closing Aug. 15.	Closing Aug. 8.
Cash	$10.15	$9.80	$9.82	$10.20
October	10.27	9.87	9.92	10.32
December	10.47	9.90	10.12	10.32

Stearin.—Tone continued steady. Fair spot demand.

Chicago, Aug. 15.—Prime oleo stearin, 9¼c. to 9½c. per pound.

Tallow.—Demand for moderate lots fairly active. Offerings generally light. Tone firm.

Chicago, Aug. 15.—Inedible tallow, prime, 8c. to 8¼c. per pound; special, 7¼c. to 7½c.

Animal Oils

Degras.—Good demand for common and neutral. Spot stocks generally light. Market firm.

Lard.—Quotations stationary. Domestic trade fairly active. Export movement light.

Chicago, Aug. 15.—No. 1 lard oil 11¾c. to 12c. per pound.

Neatsfoot.—Tone continued firm. Inquiry good. Raw material in light supply and firm.

Oleo.—Prices held at former levels. Spot stocks light or moderate. Trade fairly active.

Chicago, Aug. 15.—Extra oleo oil, 11½c. to 11¾c. per pound.

Tallow.—Quotations advanced ¼c. Demand fair.

Chicago, Aug. 15.—Acidless tallow oil, 11¼c. to 11¾c. per pound.

Waxes

Bees.—Strong market. No weakness at any point. Excellent demand for spot goods. White bleached wax noted for special strength. May imports of crude wax were:—

Guatemala	8,619
Mexico	9,899
Cuba	129,279
Dominican Republic	42,645
Haiti	9,983
Brazil	33,623
Peru	3,885
Saudi Arabia	8,900
French Africa	50,315
Spanish Africa	4,591
Total	301,151

Candelilla.—Firm to strong and very active at late advances. May imports totaled 425,222 pounds.

Carnauba.—Prices holding well. Brazil remains strong. Profit taking accounts for some local shading. Consumption running to excellent levels. May imports totaled 2,020,007 pounds.

Japan.—Strong at recent advances. No further goods expected from Japan. Concrete cancellations suggested by Japanese agents. May imports totaled 163,520 pounds.

Trade Briefs

D. P. Smelser, manager of market research for the Procter & Gamble Company, has been appointed a member of the new technical committee of the Advertising Research Foundation.

Fresno Olive Oil Company has been organized in Fresno, Calif., with 100 shares of no par value capital stock. The new corporation is represented by Joseph Fazio, 210 Thomas street, Fresno, Calif.

Francis J. Licata, chief chemist for the Metasap Chemical Company, subsidiary of National Oil Products Company, has just returned to the Harrison, N. J. plant from a honeymoon trip with his bride, the former Henrietta Callari, of Jackson Heights, L. I.

Mortimer T. Harvey, director of research for the Irvington Varnish & Insulator Company, Irvington, N. J., and William F. Hoffmann, jr., vice-president, left by airplane August 1 for Brazil in search of a new source of cashew hulls from which to extract the peculiar oil these alone provide.

Wax for Polishes Got From Green Cotton

Green cotton with thirty times as much wax as ordinary white varieties offers possibilities as a source of wax for polishes, the Department of Agriculture reports. Manufacturers of polish for shoes, furniture, floors, and automobiles need waxes with relatively high melting points. They have relied largely on imported wax, but shipping difficulties have stimulated interest in domestic sources.

One chemical company is now growing experimentally in South Carolina about 5 acres of Arkansas green lint cotton to determine its value as a source of high-melting-point wax. This cotton is one of three green lint strains collected by the Bureau of Plant Industry for genetic and other studies.

The wax content of ordinary white cotton is only about 0.5 percent, but Arkansas green lint sometimes yields 17 percent. This cotton has been grown in the South for years, chiefly for home spinning and handicraft work. Though the staple length is relatively short—about 13/16 inch—spun yarn is very smooth and has average strength for this length. High wax content keeps it from taking dye well unless specially treated. The lint in freshly opened bolls is bright green, but when exposed to sunlight the fibers and yarn or cloth made from this cotton gradually turn dull brown.

With good growing conditions Arkansas green lint yields approximately 250 pounds per acre, from which chemists can extract with alcohol or other solvents 30 to 35 pounds of wax. After the wax has been taken out the fiber provides a high-grade cellulose.

Cottonseed Crushings Up

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1 to July 31, 1941, and 1940, according to the Census Bureau, were as follows:—

Cotonseed

	Tons 1941.	Tons 1940.
Receipts	4,488,725	4,069,636
Crushed	4,396,191	4,150,755
On hand, July 31.	131,376	39,507

Crude Oil

	Pounds 1941.	Pounds 1940.
Produced	1,424,899,485	1,325,241,460
Shipped	1,429,645,897	1,364,398,828
On hand, July 31.	29,741,785	37,351,577

Refined Oil

	Pounds 1941.	Pounds 1940.
Produced	1,344,142,233	1,289,086,247
Shipped	.....	.....
On hand, July 31.	291,722,241	493,658,107

Cake and Meal

	Tons 1941.	Tons 1940.
Produced	1,952,911	1,882,217
Shipped	1,866,446	1,922,434
On hand, July 31.	165,966	79,501

Hulls

	Tons 1941.	Tons 1940.
Produced	1,107,688	1,054,778
Shipped	977,056	1,110,951
On hand, July 31.	151,546	20,914

Linters

	Bales 1941.	Bales 1940.
Produced	1,207,309	1,072,339
Shipped	1,212,228	1,422,315
On hand, July 31.	124,421	129,340

Maben Mid-West Director For U.S. Surplus Marketing

OPD Washington Bureau
August 13, 1941

The appointment of Buell Maben as regional director of the Surplus Marketing Administration for twelve Mid-Western States with headquarters at Milwaukee was announced today by the Department of Agriculture.

Mr. Maben will assume his duties September 1. As regional director he will be in charge of the food stamp program, school lunch and other surplus distribution activities in region II, which includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota and Wisconsin.

Obituaries

Walter H. Newton

Walter H. Newton, ex-Congressman and former secretary to President Hoover, died in his home in Minneapolis August 10. He was fifty-six years old. During his tenure in Congress, Mr. Newton was always keenly interested in the non-beverage uses of chemical alcohol and cooperated constantly with the arts, sciences and industries in that behalf.

Surviving are his wife, a daughter and two sons.

Pascual Barburizza, chairman of the board of the Lautaro Nitrate Company, Santiago, Chile, died August 13. He was sixty-six years old.

Mrs. Ethel L. Hensler, wife of Fred L. Hensler, assistant treasurer of the Prior Chemical Corporation, this city, died August 11 in Oradell, N. J. She was fifty-eight years old.

Mrs. Emily S. Picher, widow of Oliver S. Picher, former president of the Eagle-Picher Lead Company, died August 10 in Syracuse, N. Y. She was sixty-five years of age.

Albert H. Weisgerber, secretary-treasurer of the Portland Pipe Line Company, Portland, Me., and formerly with the Standard Oil Company of New Jersey for more than thirty years, died August 10 in Portland. He was fifty-six years old.

Tax Bill Hearing Finds Sentiment for Sales Levy

—*Continued from page* 3

fense program are taken care of by an excess profits tax. Profits of individuals and partnerships of any substantial size are taken care of by heavy surtaxes, but the average wage earner contributes under the proposed bill little, if anything, toward the defense program from which he benefits.

A reasonable tax on wage increases during this emergency period would, we believe, be justified, and would not decrease the wage earner's standard of living, since it is only proposed to put a moderate tax on the increase of his annual income.

A general sales tax was recommended also by Hugh Satterlee, chairman of the tax committee of the New York County Lawyers Association. Mr. Satterlee told the committee that imposition of a general sales tax at this time would remove the necessity of broadening the income tax base and would remove inequities in the present program of placing excise taxes upon only a selected list of commodities. He recommended a manufacturers' tax, collectable only once, rather than a retail sales tax.

Sales Tax Opposed

Secretary of the Treasury Henry Morgenthau has been opposed to the imposition of any sales tax at this time and told the committee that this form of excise would be the last thing he would recommend. Majority Leader Alben Barkley, of Kentucky, while admitting that it may become necessary to enact legislation for a sales tax, said that he did not think this should be done until it is absolutely necessary and added that he did not believe that the time had yet arrived when such a levy is necessary.

Ralph Hetzel, jr., representing the Congress of Industrial Organizations, said that his union was strongly opposed to sales taxes because they bear most heavily on the income of low-wage group. He also asked that some of the excises approved by the house be deleted from the bill and that personal income exemptions be raised rather than reduced.

Soft-Drinks Tax Opposed

Opposition to the inclusion of the proposed tax on soft drinks was presented by the American Bottlers of Carbonated beverages. The result of this tax, the bottlers said, would be to disrupt the bottled carbonated beverage market and cencentrate the business in the hands of the financially stronger companies and to close many plants because of their sheer inability to pay the tax out of earnings or to meet competition if they do not.

If, in the solution of the tax problem, there must be a tax on product sales, it was urged, this tax should be a general tax, levied upon a base sufficiently broad to distribute the burden with the least hardship by taxing all or substantially all commodity sales at the same rate, thus giving the soft drink and all competitive industries a chance of holding their own in the competitive field, producing the maximum revenue, and being the least disruptive to industry.

Fats and Oils Subject To Sulphonation Reported

Sixty-six establishments in the United States reported fats and oils subjected to sulphonation during the quarter ending June 30, 1941, according to the Bureau of Census. Data covering the operations of these plants, with comparison for the same period 1940 are shown in the following table:—

Animal

	Pounds 1940.	Pounds 1941.
Tallow	1,368,000	2,073,000
Neat's-foot oil	374,000	119,000
Cod oil	1,568,000	2,126,000
Sperm oil	692,000	1,060,000
Red oil	421,000	633,000
Miscellaneous	172,000	824,000
Totals	4,595,000	6,835,000

Vegetable

Coconut oil	108,000	218,000
Corn oil	180,000	302,000
Olive oil	652,000	211,000
Castor oil	2,719,000	4,160,000
Teaseed oil	346,000	236,000
Miscellaneous	797,000	1,702,000
Totals	4,802,000	6,829,000

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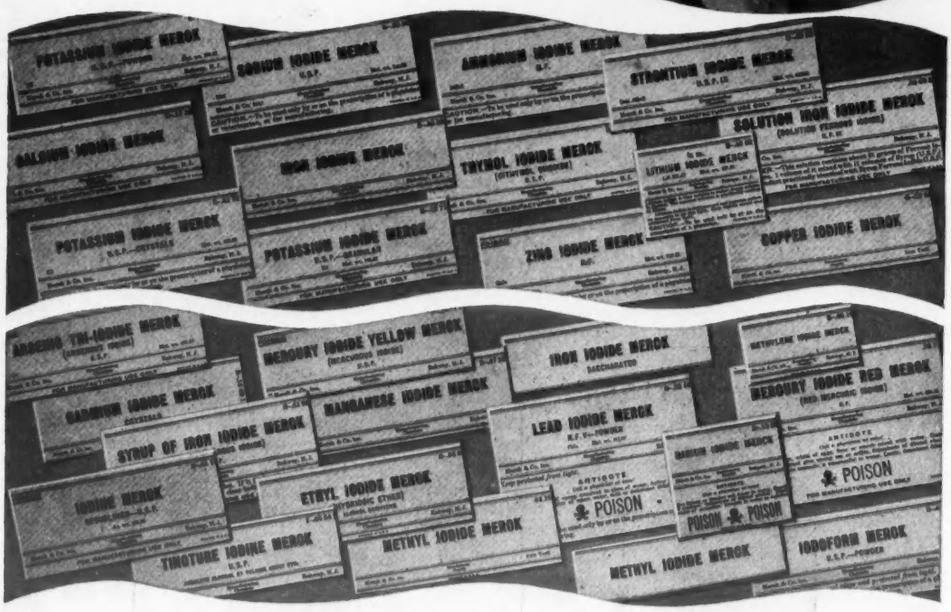
IODINE was discovered in 1811 by Courtois in the ashes of seaweeds, known as *kelp* and *varec*. Iodides are extensively employed pharmaceutically in many forms, such as the potassium, sodium, and ammonium salts. They have been recommended for their expectorant, diuretic, antirheumatic, antisclerotic, and antisyphilitic actions.



Some of their many uses may be found in the prophylaxis and treatment of certain forms of goiter, in bronchial asthma, subacute and chronic bronchitis, arteriosclerosis, actinomycosis, for promoting the elimination of mercury and lead, as an adjunct in the treatment of syphilis, and locally in the form of thymol iodide.

Standardize on Merck Iodides for uniformity, reliability—and

A CENTRAL SOURCE OF SUPPLY

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

New York • Philadelphia • St. Louis • *In Canada:* Merck & Co. Ltd., Montreal • Toronto

Drugs, Fine Chemicals

Glycerophosphate Prices Raised—Aloin Up Again—Little Menthol Or Camphor Offered—June Mercury Output At Record Level—Castor Beans Down

Advance in prices on glycerophosphates was the feature outstanding in the market for drugs and fine chemicals last week. It was the first change in schedule since 1940. Aloin quotations were also raised sharply to meet rising cost of production. New crop castor beans in Brazil sold at a moderate decline.

Demand ran high and strong throughout the market during the period under review. Coupled with the heavy call from consuming trades was the growing difficulty of manufacturers faced with expanding orders and unable to raise production to meet the call completely.

There was talk of changes to come in bromide prices that had been depressed to low levels by excessive competition. Secondhands with citric acid to sell trimmed their prices to little avail. Sharp price premiums on Rochelle salt, cream of tartar, and tartaric acid were nailed strongly by actual orders at the high-quoted levels. Resale formaldehyde turned firmer after a short-termed easing. Menthol and camphor prices and stocks were withheld from the market. Surveys of agar substitutes were afoot. Resale premiums developed in quinine as Japan and war drew nearer to the Netherland Indies.

And in the above welter of events appeared a new product —sulfadiazine, valuable as causing less nausea than other antipneumoccoccal sulfa derivatives and at last released for general use.

Acetanilide.—Very firm. Normally active. No surplus of supplies. Costs tend upward.

Acetone.—Resales reported offered around 15c. to 17c. per pound. Makers' production well engaged. Not too much available in secondhands.

Acid, Acetylsalicylic.—Needs met with fair promptness. No surplus on market. Producers report very firm market. No easing of production costs.

Acid, Ascorbic.—Demand good. Tendency is toward expansion. Prices attractive. Fair stocks available.

Acid, Boric.—Some gain in supplies. Backlog of orders accumulated during recent strike still taxes production. Still under OPM priority.

Acid, Citric.—Resellers reducing prices. Goods available but not many buyers pay limits asked. Producers pursue steady course. Guarantee of unchanged prices in force at least to October 1.

Acid, Nicotinic.—Deliveries show moderate but steady improvement. Needs met more promptly. Prices hold.

Acid, Pyrogallic.—Very firm. Demand excellent. Sellers somewhat reserved. Production cost holds on high side.

Acid, Tartaric.—Resellers still offering at 74c. per pound. Producers hold at 63½c. minimum. Have market for every pound produceable.

Agar.—Situation very tight. Sellers greatly reserved. Nothing coming from Japan. Goods already bought not likely to reach here.

Alcohol.—Practically every gallon produced earmarked against existing producer commitments. Very strong position. Needs running high and expanding steadily.

Aloin.—Higher. Minimum at $4.60 per pound. Raw material cost steadily rising. Demand sustained at excellent volume.

Bismuth Metal and Salts.—Demand excellent. Metal stocks show no accumulation. Prices on salts generally steadier.

Borax.—Backlog orders keeps supply subnormal despite resumption of stuck production. Still under OPM priority order. Orders scaled down in effort to prevent over stocking and speculation.

Bromine.—Demand running high. Prices held. Strong undercurrent ordinarily would lift values.

Price Changes

Advanced

Aloin, 65c. per lb.
Calcium glycerophosphate, 15c. per lb.
Iron glycerophosphate, 13c. per lb.
Manganese glycerophosphate, 15c. per lb.
Potash glycerophosphate, 75% solution, 50c. per lb.
Quicksilver, $5 per flask.
Soda glycerophosphate, 15c. per lb.

Reduced

Castor beans, $1 per long ton.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
221.8	221.6	212.8	204.4

Market news that may have developed after this report was sent to press will be found on page 4.

Camphor

Wars, past and present, have done much to and for camphor buyers. Wars always brought high camphor prices. High prices accompanied scarcity of stocks. Scarcity brought the search for synthetic camphor.

The Spanish-American war was followed, in 1900, by construction of a short-lived camphor plant at Niagara Falls, N. Y.

The Japanese-Russian war of 1904 gave the first important impetus to research on turpentine to produce synthetic camphor.

The World War of 1914-1918 dated commercial production in a du Pont plant at Deepwater, N. J. Shut down when prices dropped, equipment was maintained and a new turpentine process developed. In 1933, du Pont put into full operation a new plant producing synthetic camphor profitably in direct competition with Japanese natural camphor and German synthetic.

War-Time Prices

	High.	Low.
Civil War	$1.40	$0.37
Japanese-Russian War.	.78	.58
World War	3.75	.44½
Current war, Japanese.	1.15	.47½
German synthetic	*	.46
U. S. synthetic	.60	.46

* No stocks.

The influence of domestic production on imports of natural and synthetic camphor is shown in the following Department of Commerce data:—

Imports

	Pounds— 1939.	1931.
Natural, crude	1,156,882	2,003,875
refined	818,055	1,151,779
Synthetic	528,030	1,798,116
	Pounds—	
First quarter.	1941.	1939.
Natural, crude	67,205	138,890
refined	177,214	189,394
Synthetic	None	329,827

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

HIGH VITAMIN POTENCY
FISH LIVER OILS
(NATURAL VITAMINS A and D)
CONSUMERS IMPORT CO., Inc.
342 Madison Avenue, New York
Cable address: PUREFOOD NEW YORK • All Codes

ANALYZED REAGENTS Baker's FINE CHEMICALS
Baker's
BISMUTH SUBNITRATE
Wherever purity and uniformity are essential, Baker's Bismuth Subnitrate, U.S.P., has a loyal following. Made from C. P. Nitric Acid and the purest Bismuth metal, Baker's rigid control system assures a product that is uniformly light, fluffy, smooth and of great bulk.
Baker's Bismuth Subnitrate is unusually low in alkali salts and its purity with respect to arsenic, lead, copper and heavy metals is exceptional—qualities so appreciated by hospitals and the cosmetic industry. Samples of Bismuth Subnitrate and other Bismuth Salts will be gladly forwarded upon request.
FINE CHEMICALS for PHARMACEUTICAL MANUFACTURERS
J. T. BAKER CHEMICAL CO.
PHILLIPSBURG, NEW JERSEY
NEW YORK 420 Lexington Ave. PHILADELPHIA 220 South 16th Street CHICAGO 435 N Michigan Ave.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
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C/P

SODIUM BENZOATE U.S.P.
Standard for a Quarter of a Century
SEYDEL CHEMICAL COMPANY
Established 1904 JERSEY CITY, N.J. BErgen 3-7407

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21 West Street Telephone WHitehall 3-9636-7-8 New York City
TARTARIC ACID
CREAM OF TARTAR
PURE IMPORTED EDIBLE OLIVE OILS
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Specialists in Finest California Edible Olive Oil

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QUALITY STANDARD THE WORLD OVER SINCE 1883
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NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
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UNEXCELLED IN QUALITY, COLOR, FINENESS, FLUFFINESS AND PURITY
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All grades in small and large crystals, granular or snow
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NIACET CHEMICALS CORPORATION 4703 PINE AVE., NIAGARA FALLS, NEW YORK

Bromides.—Prices declared too low, based on current strong position of bromine. Competition alone keeps them down. Recent talk of price change may forshadow change.

Cadmium.—Situation gains strength steadily. Consumption taking every pound of metal produced. Little diversion to resale market where price premiums could be commanded.

Caffeine.—Market for everything produced. Limited resale stocks continue to bring around $8 per pound. Export curtailment through license provision has checked resale demand some.

Camphor.—Largest operators practically withdrawn from market. Awaiting developments regarding future of Japanese shipments. No signs of shipment being resumed soon.

Castor Oil.—All oil values steady to firm. Recession in Brazilian bean prices confirmed in sales of new crop made at $68 per long ton. Demand for oil holds to excellent volume.

Chicago, August 13.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 12¼c. per pound; drums, less than car lots, 13c.; tanks, 11⅜c.; No. 3 extracted, returnable drums, car lots, 11⅝c.; drums, less than car lots, 12¾c.; tanks, 11⅛c.

Cocoa Butter.—Very steady. Fair demand. Little surplus. Outlook favors price maintenance.

Codliver Oil.—Firm to strong market. Fairish demand but no special strengthening of call. May imports totaled 150,690 gallons from following sources:—

	Gallons.
Iceland	120,512
Canada	5,258
Newfoundland and Labrador	170
Japan	24,750
Total	150,690

Cream of Tartar.—Makers, 52½c. per pound, minimum. Resale, 57c. to 58c. Steady demand. No excess stocks in producers' hands.

Creosote.—Much thought given to increasing supply of this scarce item. Best season ahead. Strong market.

Epsom Salt.—Very firm, apparently stable prices. Demand in good volume. Freight equalized with Baltimore, Cartaret, N. J., Chicago, Cincinnati, Houston, New Orleans, New York.

Fish Liver Oils.—Crisis in supply continues. Sources to supplant Japanese exports sought. Prices strong. Department of Agriculture bought 2,250 pounds (102,150 million units vitamin A) fish liver oil in week ended July 26.

San Francisco, Aug. 13.—Market narrower owing to lack of supplies. Local shark fishing proving long way from satisfactory. Stocks of A oil insufficient. Frozen Japanese tuna livers not arriving and the D supply is curtailed.

U. S. P. THYMOL
Manufactured in our Newark factory from pure natural raw materials. Preferred by buyers everywhere because of its freedom from objectionable odors.
ORBIS PRODUCTS CORPORATION
215 PEARL ST., NEW YORK – Factory, NEWARK, N. J.
Write For Particulars

POTASSIUM SULPHATE C.P. and N.F.
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SCHUYLKILL CHEMICAL COMPANY
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POTASSIUM BICARBONATE U.S.P.
COPPER CARBONATE 55-57%
JOSEPH TURNER & COMPANY
PROVIDENCE RIDGEFIELD, N. J. CHICAGO

Prices continue to be nominal throughout:—

Soupfin Shark Liver Oil (crude).—High potencies, 100,000 to 150,000 U.S.P. units, vitamin A per gram, quoted at 14c. per million units. 70,000 to 90,000 units, 11c. to 12c.; 50,000 units, 9½c.; 25,000 to 40,000 units, 8c. Lower potencies, upwards of 10,000 units, 7c.

Tuna Liver Oil (crude).—Ranging in potency, 20,000 U.S.P. units vitamin D per gram, 65c. per million units.

Glycerin.—Strong undercurrents activate the market. Demand excellent. Crude in strong hands disposed to look for prices higher than refiners can pay and still hold unchanged the current quotations on refined.

Chicago, August 13.—Glycerin prices: C.P., tanks, 14¼c. per pound; drums, car lots, 14½c.; less car lots, 15c.; cans, less car lots, 16½c. to 17c.; high gravity, tanks, 13¾c.; drums, car lots, 14c.; less car lots, 14½c.

Glycerophosphates. — Prices upped by large maker. First change since 1940; 1,000-pound lots, calcium, $1.25 per pound; iron, $3.30; manganese, $3.05; potash, 75 percent solution, $1.50; soda, crystals, $1.25; powder, $1.30. Solution, 75 percent. 82c.

Hexamethylenetetramine. — Unsold stocks very small. Producers' output well engaged. Strong prices based on strong raw material position.

Magnesium Trisilicate.—Prices were steady. Demand active. Needs expand considerably. Little competition.

Menthol.—Natural quoted $7 per pound. Might be shaded with order in hand. No ready sellers save at values high over $7. Contracts repudiated in Japan. Synthetic production well engaged. Producers continue to withhold quotations. Raw material situation still acute. Speculation in latter alleged. Menthol imports, 5 months, 1941, 177,813 pounds. Total, 1940, 419,134; 1939, 354,668 pounds.

Mercurials.—Very firm. No easing of raw material situation close at hand. American producers discounting metal futures but moderately. Demand for mercurials active.

Methanol.—Resale methanol reported held as high as 95c. per gallon. Sales by first hands reported recently at 80c. to 85c. Many producer quotations not backed with prompt delivery material.

Milk Powder.—Strong. Unsold stocks small in producers' hands. Department of Agriculture buying. Bought 280,000 pounds of spray, and 320,000 pounds roller in week ended August 1. Bought 440,000 pounds of spray and 520,000 pounds roller in week ended July 26. These purchases can be used for domestic distribution to public aid families and free school lunches, to meet requirements of the Red Cross for shipment to war refugee areas, for transfer to other countries under terms of Lend-Lease Act, or for release on the market when desirable.

Quinine.—Extreme care and caution of firsthands in current selling creating secondhand offerings. Sulphate at resale alleged held around 85c. per ounce. Producers quote 67c. plus 8½c. surcharge—total price, 75½c. per ounce. Forehanded buying of reserve stock bark against eventual stoppage of shipments if Japan seizes Netherlands Indies, now a comforting accomplishment. Total, 1939 imports, 2,029,648 pounds from Netherlands Indies, Ecuador, Columbia, Ceylon, and Guatamala of importance in order named. Import total, 1940, 5,418,271 pounds. Total, first four months, 1941, 1,416,062 pounds. Stock for three years' production believed held here. May, 1941, imports totaled 1,050,000 ounces from Netherlands Indies.

Quicksilver.—Shipments from Mexico may gain. Chile reported preparing to ship three to four tons a month, beginning in October. Disposal of recent importation of 1,000 flasks from Lisbon still unrevealed. Market firm. Spot stocks conservative. Price up to $195 to $200 per flask. Statistical data on production, consumption, and stocks, Bureau of Mines figures, to June 30, 1941, follow:—

	Flasks	
	Production.	Consumption.
1940—July	3,200	2,200
August	3,500	2,100
September	3,600	2,100
October	3,600	2,700
November	3,400	2,900
December	3,700	2,100
1941—January	3,100	2,900
February	2,900	4,700
March	3,500	4,000
April	3,500	3,200
May	3,600	3,500
June	4,000	3,300

Consumer-dealer stocks, June 30, 11,400 flasks. Producers' stocks, 391 flasks. Exports, January-May, 1,345 flasks.

San Francisco, Aug. 13.—Larger producing factors frowning on the continued advance of quicksilver price. Some reported transactions at $194 to $195 on the spot. Futures can be discounted, however. Buying interest is along very fair lines.

Rochelle Salt.—Makers, crystals,

VEGETABLE LECITHIN
Tartaric Acid
Cream of Tartar
Rochelle Salt
Saponin
NEUBERG CHEMICAL CORP.
441 LEXINGTON AVENUE, N. Y. C.
TEL. MURRAY HILL 6-1990

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FISH LIVER OILS
THE ATLANTIC COAST FISHERIES COMPANY
111 JOHN STREET, NEW YORK, N. Y.

ALL GRADES OF REFINED GLYCERINE
U. S. P. B. P.
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REFINERIES LOCATED AT
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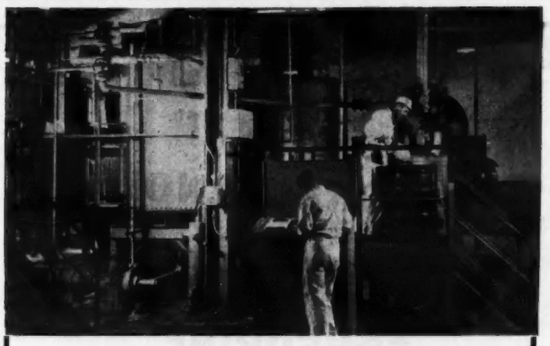

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Nicotinic Acid U.S.P.
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Neocinchophen U.S.P.
SULFATHIASOL N.N.R.
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Mandelic Acid U.S.P.
Methylene Blue U.S.P. (Powder—Crystals)
Calcium Mandelate
Saligenin
Glutamic Acid HCL
2-Methyl-1,4 Naphthoquinone
PHENOTHIAZINE
Certified Colors for Pharmaceutical Use

Pharmaceutical Department
CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
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EDWAL Special Chemicals
1. Uric Acid
2. Diallyl Sulfide
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THE EDWAL LABORATORIES, INC.
732 FEDERAL STREET, CHICAGO, ILLINOIS

39½c. per pound minimum; powder, 38½c. minimum. Resale crystals or granular, 51c. to 53c. Strong position due to raw material situation.

Santonin.—None too much available. Imports total 1,322 pounds, January-May, this year. Total for 1940, 1,075 pounds; in 1939, 3,048 pounds. Much dependence on domestic production in Pacific Northwest.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce and quantities of 500 ounces at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	24	34⅝	23 7/16
Monday	24	34⅝	23 7/16
Tuesday	24	34⅝	23½
Wednesday	24	34⅝	23 7/16
Thursday	24	34⅝	23 7/16
Friday	24	34⅝	23 7/16

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Folkers Gets A.C.S. Pure Chemistry Prize

—Continued from page 3

years old, will take place at the 102nd meeting of the society in Atlantic City, September 8-12.

Dr. Folkers, born in Decatur, Ill., in 1906, was chosen in recognition of his "contributions in the field of organic chemistry, including erythrine alkaloids, vitimin B_6, catalytic hydrogenation, and pyrimidines." During the past five years Dr. Folkers has successfully isolated and determined the character of many new erythrine alkaloids which have a curara-like, or paralyzing, action that may prove of value in the control of nervous disorders.

Author and co-author of many publications in the field of organic chemistry, Dr. Folkers received the degree of bachelor of science with honors from the University of Illinois in 1928, and the degree of doctor of philosophy in 1931 from the University of Wisconsin, where he was teaching assistant in 1928, and a research assistant and fellow in 1929-1931.

He was a post-doctorate research fellow in organic chemistry from 1931 to 1934 at the Sterling Chemistry Laboratory, Yale University, where he worked under Professor Treat B. Johnson. In 1934 he joined Merck's laboratory of pure research in Rahway, and was appointed assistant director of research in 1938. He was co-recipient in 1940 of the Mead Johnson & Co. award for research on the vitimin B complex.

Penick Medical Research Dept. Headed by Hogan

—Continued from page 5

ment of his work with the corporation was the investigation and production of sulfadiazene.

He is a graduate of the Naval Academy at Annapolis and served as officer on a destroyer in the Atlantic Fleet before beginning medical studies. After study at McGill University in Canada, he took further work at Edinburgh University, Edinburgh, Scotland and while there was at one time research fellow in the department of experimental surgery at the university under the late Sir David Wilkie.

Dr. Hogan will make his headquarters at the Penick main office, 50 Church street, this city.

Drug Law Regulations Will Change Oct. 7

OPD Washington Bureau
August 14, 1941

The Food and Drug Administration calls attention to the fact that October 7 is the effective date of the revised regulation under subsection 502 (f) of the food, drug, and cosmetic act relating to labeling requirements of drugs bearing a "prescription legend."

The new regulations were promulgated April 10, effective in 180 days.

The same order also made changes in the regulations relating to new drugs under subsections 505 (b) and (i), which were effective May 10.

The new regulations were published in the *Federal Register* April 15, and in OPD April 21.

Peter C. Hereld is now associated with the Chemo Puro Manufacturing Corporation, which firm plans to manufacture a line of chemical products for the pharmaceutical and food industries. Office and laboratory is in 166 Water street, this city.

Theelin Patent Suit Ended by Judgment

—Continued from page 5

plaintiffs are the exclusive owners of United States patent No. 1,967,350, together with the exclusive right to recover damages and/or profits for the infringement thereof.

The consent judgment further adjudged that patent No. 1,967,350 is valid and that the defendant had infringed the patent by selling products covered by the claims of the patent. The consent judgment further adjudged that the defendant be enjoined and restrained from making, selling or using any of the subject matter as defined by the claims of the patent. The action is the first thus far brought on behalf of St. Louis University for infringement of patent No. 1,967,350 which covers the manufacture of the isolated crystalline hormone or pure crystalline estrone (theelin).

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(Parenthetical figures are the numbers of patents in the United States or other countries, as designated)

Benzothiazyl Bisulphide

Chemical

Organic chemical available for experimental synthesis
Organic chemical offering following properties—
Insoluble in water, dilute caustic, gasoline
Melting point, 170° to 175° C.
Nontoxic
Practically odorless
Soluble in carbon bisulphide, benzene, chloroform
Specific gravity 1.50
Yellowish-gray color

Rubber

Vulcanization accelerator in making—
Drug sundries
Footwear
Heels
Inner tubes
Mechanical goods
Soles
Tire tread and carcass
Wire insulation

Bis-(2:4-dimethylbenzoxazole-1)-betathienylcarbocyanin Perchlorate

Photographic

Sensitizer (U.S. 2072809) in—
Photographic emulsions

Cyclohexylcyclohexoxy Phthalylglycollate

Adhesives

Plasticizer (U.S. 2072739) in—
Adhesive compositions containing cellulose derivatives and resins

Ceramic

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 2072739) for—
Cellulose derivatives
Resins

Cosmetic

Plasticizer (U.S. 2072739) in—
Nail enamels and lacquers containing cellulose derivatives and resins as base material

Electrical

Plasticizer (U.S. 2072739) in—
Insulating compositions, containing cellulose derivatives and resins, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Leather

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metal Fabricating

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 2072739) in—
Coatings compositions, containing cellulose derivatives and resins, used for protecting and decorating articles of various sorts

Paint, Varnish, and Lacquer

Plasticizer (U.S. 2072739) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose derivatives and resins

Paper

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of coated papers and as coatings for decorating and protecting articles made of paper or pulp

Photographic

Plasticizer (U.S. 2072739) in making—
Films from cellulose derivatives

Plastics

Plasticizer (U.S. 2072739) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose derivatives and resins

Resins

Plasticizer (U.S. 2072739) in making—
Artificial resins from or containing cellulose derivatives

Rubber

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of coated fabrics

Wood

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as protective and decorative coatings on woodwork

Diethylaminopropylcellulose

Adhesives

Starting point (Brit. 489668) in making—
Waterproof adhesives

Bottling

Starting point (Brit. 489668) in making—
Sizes (solutions in acids) for regenerated cellulose used for capping and sealing purposes (said to improve the anchorage thereto of printing inks and lacquers)

Cellulose Products

Starting point (Brit. 489668) in forming—
Bristles
Filaments
Films which are clear, tough, and pliable
Self-supporting films

Chemical

Starting point (Brit. 489668) in making—
Addition salts with acids

Furniture

Starting point (Brit. 489668) in making—
Waterproof adhesives for veneering purposes

Miscellaneous

Ingredient (Brit. 489668) of—
Coating compositions useful for various purposes

Rubber

Starting point (Brit. 489668) in making—
Sizes (solutions in acids) for rayon tire cord (used to improve its adhesion to rubber)

Paraisopropylbenzaldehyde

Chemical

New chemical available for experimental use

Rubber

(Cahuchu, Caoutchouc, Caucein, Caucho, Elastica, Federgummi, Federharz, Goma Elastica, Gomma Elastica, Gomme Elastique, Gummi Elastica, Gummi Elasticum, Kautschuk, Indian Rubber, Resina Elastica)

(Survey of major outlets (uses and applications) for natural rubber. Similar surveys for synthetic rubber and for reclaimed rubber will be published in an early issue. Uses given below cover those for rubber in any of its marketed forms: (1) Hard rubber, (2) soft rubber, (3) hard-and-soft rubber lining, (4) all-hard rubber lining, (5) all-soft rubber lining.)

Adhesives

Base material in—
Adhesives and cements

Automotive

Construction material for—
Battery boxes
Deicing equipment
Engine mountings
Ignition wiring insulation
Inner tubes
Seat cushions
Self-sealing gastanks
Shock absorbers
Steering wheels
Tank treads
Tire casings
Vibration damping devices
Windlace tubing

Aviation

Construction material for—
Deicing equipment
Engine mountings
Ignition wiring insulation and protection
Inner tubes
Self-sealing gastanks
Shock absorbers
Tire casings
Vibration damping devices

Building

Construction material for—
Electrical insulation
Flooring and tiling
Flooring compositions
Washers in plumbing systems

Cement

Abrasion-resistant lining for—
Chutes
Conveyor buckets
Screens
(See also "Mechanical")

Chemical

Construction and lining material claimed to offer following advantages—
Bondability
Flexibility to expand or contract (with bonded metal)
Heat resistance (special stocks)
High resistance to abrasion
High resistance to adherence of materials to its surface by reason of packing, caking, and the like
Lasting protection of all metal equipment
Low maintenance cost
Machinability (hard variety)
Moldability
Protection of materials from—
Discoloration by metal containers and processing equipment
Iron pick-up
Toxic changes
Strength and toughness (yet hard rubber is easily machined with ordinary tools)
Construction and lining material resistant to—
Acid attacks—
Acetic, any concentration, up to 130° F.
Formic, commercial, up to 130° F.
Hydrobromic, concentrated, up to 100° F.
Hydrochloric, concentrated, up to 150° F.
Hydrofluoric, not concentrated, up to 150° F.
Hydrofluosilicic, any concentration, up to 150° F.
Phosphoric, up to 85 percent, up to 125° F. (regular rubber compounds slightly discolor phosphoric acid, but a special rubber compound can be provided which will cause no discoloration)
Sulphuric, up to 50 percent, up to 150° F. (slight discoloration may occur at any concentration above 10 percent)
Alternate wetting and drying
Atmospheric changes
Attack by—
Acetone, up to 130° F.
Aluminum sulphate solution, saturated, up to 150° F.
Ammonium chloride solution, saturated, up to 150° F.
Ammonium sulphate solution, saturated, up to 150° F.
Calcium chloride solution, up to saturation, up to 150° F.
Calcium hypochlorite solution, up to saturation, up to 150° F.
Caustic soda or potash solution, up to saturation, up to 150° F.
Chlorinated water
Ethyl alcohol, any concentration, up to 140° F.
Ferric chloride solution, saturated, up to 150° F.
Ferrous sulphate solution, saturated, up to 150° F.
Formaldehyde solution, commercial, up to 100° F.
Methanol, any concentration, up to 180° F.
Milk of lime, any concentration, up to 125° F.
Nickel salts solution, any concentration, up to 180° F.
Sodium acid sulphate solution, up to saturation, up to 150° F.
Sodium chloride solution, saturated, up to 150° F.
Sodium cyanide solution, saturated, up to 150° F.
Sodium hypochlorite solution, up to saturation, up to 150° F.
Zinc chloride solution, 50 percent, up to 100° F.
Zinc sulphate solution, saturated, up to 150° F.
Cracking
Impact rupture
Loosening by vibration
Splitting

(To be continued)

Triethylpyridinium Phosphite

Lubricant

Starting point (Brit. 457548) in making—
High-pressure lubricants, die-making lubricants, boring, drilling, cutting, and wire-drawing oils by solution, dispersion, or emulsification in carriers, such as mineral, vegetable, or animal oils, paraffin, water, graphite, grease, or porous bearing metal

Zinc Dibutyldithiocarbamate

Rubber

Vulcanization ultra-accelerator in—
Dry rubber for transparent stocks
Latex compounds for—
Dipped goods
Rug backing
Upholstery impregnation

Uses and Applications of Chemicals and Related Materials

A cloth-bound book of 665 pages (6 x 9) containing information similar to that above on 5,167 materials $10; postage paid in U. S.; 39c. postage elsewhere

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4. Alert buying and stocking makes available over a thousand botanicals regularly carried in stock . . . the most complete selection of plant drugs available.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Spices, and Gums

Vichy-German Collaboration Endangers Botanical Shipments From North Africa—Japanese Action Raises Question of All Far East Goods — Market Strong

Lessening of price activity in the botanical drug market was not indicative of any changing in the fundamentally strong position held by practically all crude drugs. Rather was it an indication that dealers are going slow in making changes until actual conditions force a higher level of values in spite of all efforts to keep values fairly well stabilized. That the consumers' side of the picture is kept steadily in sight was found in the fact that where conditions make it possible, prices are promptly reduced.

The turn of events in France argued poorly for the maintenance of arrangements whereby certain merchandise has been obtainable from French North Africa, until last week ruled over by General Maxime Weygand as Pro-Consul. Marshall Petain, Chief of the French State, set Admiral Darlan over Weygand and tied France tightly with Germany as to policy. This could mean that the numerous botanical drugs that have reached here from North Africa might no longer be shipped should the Hitler government turn the screws. This situation, taken with that activating and influencing United States commerce in the Far East where Japan treads a ruthless course, gives the botanical dealer plenty to think and worry about.

Balsams

Copaiba.—No weakness. Firm prices. Fair demand. Moderate supplies.

Fir.—Undertone firm. Orders and inquiries active.

Barks

Buckthorn.—Strong but not active market. Well held prices.

Cinchona.—Bolivan production decreasing. New forests to be tapped if prices obtainable warrant. Average quinine content five percent.

Sassafras.—Collection not too satisfactory. No important shortage in prospect, however. Prices very firm.

Wild Cherry.—Country situation not suggestive of excessive supply. Primary market reporting high prices paid collectors.

Beans

St. Ignatius.—Moderate stocks in firm price position. Demand not pressing.

Vanilla.—May reports of Department of Commerce indicate importation of 130,571 pounds. This would include new arrivals and some withdrawals from bonded warehouse. Sources are: Mexico, 76,668 pounds; French West Indies, 2,409 pounds; Brazil, 164 pounds; Netherlands Indies, 2,249 pounds; French Oceania, 48,686 pounds; British East Africa, 395 pounds.

Caraway Seed

The caraway seed addict is on short rations. The European war has cut off all but one of the eight countries that in 1939 shipped to the United States 5,250,511 pounds—a quantity that would season plenty of bread, buns, rolls, cookies, pickles, and the like.

Nazi Germany has conquered or taken into "protective custody" the Netherlands, Poland, Denmark, Rumania, Bulgaria, and France—and these countries shipped the United States 4,293,022 pounds in 1939. The war also cut off Russia—who shipped this country 932,289 pounds in that year. That leaves British India, a 1939 shipper of 25,200 pounds to this country.

Imports in the first quarter of 1941 were but 36,384 pounds, most of which arrived from Morocco with a fine crop of "whiskers" that even Bunn the Baker of Baraboo would not admire. The total compares with 1,388,341 pounds landed here in the corresponding quarter of 1939.

Prices are now 83c. per pound. On August 25, 1939, they were 9c. per pound. And stocks still unsold are small enough to be considered museum pieces.

Price Changes

Advanced

Allspice, Mexican, ¼c. per lb.
Celery seed, Indian, 4c. per lb.
Coriander seed, ¼c. per lb.
Cumin seed, Morocco, ½c. per lb.
Cyprus, ½c. per lb.
Persian, ½c. per lb.
Indian, 1c. per lb.
Cassia, buds, 3¼c. per lb.
China, select rolls, ½c. per lb.
broken, extra select, 1c. per lb.
Ginger, African, ¾c. per lb.
Cochin, 2c. per lb.
Hemp seed, 1c. per lb.
Lavender flowers, 3c. per lb.
Marjoram, Chilean, ½c. per lb.
Mustard seed, Chinese yellow, ¼c. per lb.
Nutmeg, East Indian, 110's, ½c. per lb.
Pepper, chillies, Japanese, 2c. per lb.
Papain, powdered, 50c. per lb.
Sage, Greek, 13c. per lb.
Senega root, 5c. per lb.

Reduced

Celery seed, French, 8c. per lb.
Cassia, Saigon, No. 1, 4-10-4, ½c. per lb.
Ginger, Jamaica, medium, 2c. per lb.
bright grinding, 1c. per lb.
Grains of Paradise, 2c. per lb.
Nutmegs, East Indian, small grinding, 1c. per lb.
Pepper, red, chillies, Mombassa, ½c. per lb.
Pimento, Jamaica, 2c. per lb.
Rape seed, Argentina, ½c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
277.8	277.4	273.8	200.7

Market news that may have developed after this report was sent to press will be found on page 4.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1941, and the detention of these items by the Food and Drug Administration because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	190	1,538
Belladonna	19	25
Caraway	...	297
Cardamom (cases)	10	1,669
Celery	35	1,484
Coriander	16,396	31,549
Cumin	3,101	12,599
Digitalis leaves (cases)	...	...
Dill	3,118	16,626
Fennel	196	2,028
Henbane leaves (bales)	150	170
Mustard	...	9,449
Poppy	130	3,153
Sage leaves (bales)	968	5,040
Sesame	3,124	3,488
Stramonium	...	...
Thyme	915	1,024

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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CRUDE DRUGS

The earth contributes and J. L. Hopkins & Company distributes every foreign and domestic botanical drug for which there is any commercial demand. A few of the many botanical drugs, ready for prompt or contract shipment from our New York City warehouses and mills, follow:

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✓ANISEED
✓ARECA NUTS
✓ASAFOETIDA GUM
✓BENZOIN GUM
✓BUCHU LEAVES
✓CALAMUS ROOT
✓CUDBEAR
✓CINCHONA BARK
✓COCILLANA
✓DAMIANA Select
✓DERRIS
✓DIGITALIS (116% Active)
✓DOGGRASS CUT
✓ERGOT (140% Active)
✓EUPHORBIA PIL.
✓FENNEL SEED
✓GALANGAL ROOT
✓GINGER
✓GUAIAC GUM Glassy
✓HAWTHORNE BERRIES
✓HOREHOUND
✓INSECT FLOWERS
✓IPECAC ROOT
✓IRISH MOSS
✓KOLA NUTS
✓MYRRH GUM
✓OLIBANUM GUM
✓ORANGE PEEL
✓ORRIS ROOT
✓PAPAIN
✓PEPPERMINT
✓PSYLLIUM SEED
✓QUASSIA
✓QUINCE SEED
✓RHUBARB ROOT
✓SARSAPARILLA
✓SENEGA ROOT
✓SENNA LEAVES
✓SQUILLS
✓STRAMONIUM
✓UVA URSI
✓WILD CHERRY BARK
✓PALE ROSE BUDS

◆◆◆◆ QUOTATIONS AND SAMPLES ON REQUEST ◆◆◆◆

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BENGAL GUM

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HIGH VISCOSITY *NOT U.S.P.* LOW PRICE

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MORTEZA KHOSROVSCHAHI

General Exporter and Importer of Raw Materials from the Near East and Orient

Specializing in Gum Tragacanth

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Flowers

Clover.—Domestic collection showing fairly high cost. Total not too impressive.

Lavender.—Select flowers up to 93c. to 95c. per pound. True gradings difficult to get.

Linden.—Considerable of a drive to increase stocks not too successful. Low supply and strong prices likely.

Gums

Arabic.—Higher at 21c. to 22c. per pound for sorts. Firm to strong. May imports totaled 903,509 pounds, according to Department of Commerce statement. Came from Egypt and Nigeria.

Karaya.—Importations in May totaled 596,794 pounds from British India, according to Department of Commerce statement. Spot market very firm. Active demand. Little competition.

Tragacanth.—May importations totaled but 60,440 pounds from Iraq (1,246 pounds) and Iran (59,194 pounds). Local market firm in undertone. Demand good.

Herbs and Leaves

Digitalis.—Real efforts to increase domestic gatherings attain some success. Fairly high prices paid for new supplies.

Marjoram.—Chilean raised to 12½c. to 13c. per pound.

Sage.—Greek material up to $1 to $1.10 per pound and strong thereat.

Miscellaneous

Ergot.—Conditions surrounding payment of goods bought in Portugal or Spain create some market uncertainty. Recent spot price trend downward.

Grains of Paradise.—Reduced to 35c. to 37c. per pound under competition and limited consuming request.

Irish Moss.—Situation tending toward real strength. Buyers competing keenly for moss collected along North Atlantic coast.

Papain.—Sold last week at $3.50 per pound for powder. Very strong. Replacement proving increasingly difficult.

Roots

Blood.—Showing further strength. Prices expected to go higher on basis of actual increases in first costs.

Gentian.—Future uncertain. Goods bought at fairly attractive prices abroad. No present knowledge of their whereabouts. Major arrival could well cause price reaction.

Mandrake.—Situation tight. Collections substantially below expectations. Generally strong position to yield further price advances in opinion of some.

Senega.—Prices up to 95½c. to $1 per pound, spot. Country values rising. Some question regarding total of collections. Winnipeg operators cagey in offering.

Seeds

Celery.—French seed down to 87c. to 89c. per pound. Indian up to 64c. to 66c. under excellent activity.

Coriander.—Fractionally higher at 10c. to 10½c. per pound.

Cumin.—Higher. Morocco, 19c. to 19½c. per pound. Cyprus, 19¼c. to 19¾c. Persian, 18c. to 19c. Indian, 18¼c. to 18¾c.

Hemp.—Higher at 8c. to 8½c. per pound.

Mustard.—California crop disappointing. Some growers delivering but 8 percent of quantities sold on contract. Oregon and Montana prospects encouraging. Chinese yellow up to 8¼c. to 8¾c. per pound.

Rape.—Argentina seed shaded to 7¾c. to 8¼c. per pound.

Spices

Allspice.—Mexican item higher at 13c. to 13½c. per pound.

Cassia.—China spice higher. Rolls, selected, 16½c. to 17c. per pound. Extra select, broken, 16½c. to 17c. Buds, 17½c. to 18c. Saigon No. 1, 4-10-4, shaded to 32½c. to 33c. per pound.

Ginger.—African No. 1 higher at 20¼c. to 20¾c. per pound. Cochin, 19½c. to 20c. Jamaica, bright grinding, shaded to 29c. to 30c.; medium, 30c. to 31c.

Nutmegs.—East India 110's, higher at 17c. to 17½c. per pound. Small, grinding, shaded to 15c. to 15½c.

Pepper.—Japanese chilled higher at 28c. to 29c. per pound. Mombassa shaded to 24c. to 24½c. per pound. Black steady to firm under excellent export demand. Whites unchanged.

Trading in black pepper futures on the New York Produce Exchange from August 11 to August 15, inclusive, comprised 151 contracts. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
July	6.56	6.37	6.35@6.37
September	6.25	5.90	5.98@6.00
October	6.10	6.05	6.05 sale
December	6.31	6.06	6.11 sale

Pimento.—Jamaica back to 22c. to 23c. per pound. Futures available at sharp discount from spot quotations.

Gums

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LOCUST BEAN GUM GUM KARAYA

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Essential Oils, Aromatic Chemicals

Brazil Offering Natural Sassafras Oil at Competitive Prices—Anise and Cassia Higher — Smaller Production Stiffening Peppermint — Aromatics Grow Stronger

Price trend upward was nothing new to the essential oil and aromatic chemicals; for weeks and months the market has coursed steadily upward and nothing at this time seems likely to reverse the climb to higher altitudes.

Noted in rising values last week were anise, bois de rose, cassia, coriander and peppermint oils. Prominent for strength and almost straining to advance further were camphor, eucalyptus, cananga, citronella, juniper, linaloe, patchouli, petitgrain, pineneedle, and Java vetiver—to enumerate a few possibly more prominent than virtually the whole list.

But the more definitely and certainly more seriously stronger materials were the aromatic chemicals. Almost without exception producers faced a demand exceeding their ability to meet more than partially. More often than not, the manufacturers either did not quote or admitted that their prices were backed with mighty little prompt delivery material. Price premiums over producers' quotations were common—and hardly surprising, considering the supplies available and the consumption need.

Price Changes

Advanced

Anise, 7c. per lb.
Bois de Rose, 25c. per lb.
Cassia, 40c. per lb.
Coriander, $1 per lb.
Peppermint, natural, 15c. per lb.
redistilled, 15c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
216.1	214.7	206.8	127.4

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Firm to strong. Excellent demand. Artificial scarce.

Angelica.—Limited stocks poorly distributed. Practically nominal market.

Anise.—Higher at 95c. to $1 per pound. Little at inside figure. Replacements scarce and high priced.

Bay.—Firm. Demand steady but ordinary. Fair stocks.

Bergamot.—Excellent trade in artificial item. Prices range widely as to quality and seller.

Birchtar. — Further replacement highly doubtful. Little unsold oil here. Practically nominal market.

Bois de Rose.—Very strong. Sold at $3.50 to $3.75 per pound. Replacement sellers hold strong, high price views.

Camphor. — Practically nominal. Sellers highly reserved. Further imports impossible now. Outlook poor for change.

Cananga.—Strong at late advance. Likely to go higher. Present levels curtails demand. Sellers greatly reserved.

Cardamom. — Likely to advance. Shortage growing acute.

Cassia.—Advanced to $4.25 to $4.50 per pound. Tied directly to tangled Far East situation. Shipment facilities almost nil.

Citronella.—Ceylon still nominal here. High prices at source. Java oil strengthening steadily. Tendency upward.

Coriander.—Market up to $23 to $25 per pound. Limited lots at inside figure. Spot vastly under stocked. Production cost high as related to yield.

Dill. — Demand showing seasonal rise. Market stocks below normal. Difficult to import from India due to curtailed steamer space and facilities.

Eucalyptus.—Demand good. Likely to grow. Shutting off of Japanese and, probably, Spanish oils places strain on Australian stocks.

Juniper.—Domestic producer has raised prices fully $6 per pound. No further output until September. Setting up stills in new location due to scarcity of raw material.

Ginger.—Raw material renewing strength. Advancing. Oil stronger. Tending higher.

Lemon.—Fully firm to strong market. Demand running to high levels. Domestic producers doing fine job in meeting test.

Lemongrass.—No easier nor likely to ease until substantial shipments be made from source.

Mustard.—Reported shipments of producer improved. Very firm item.

Patchouli.—Demand supporting recent advance. Little chance for easing of values. Domestic distillation especially firm.

Peppermint.—Higher. Natural, $3.75 to $4 per pound. Redistilled, $4 to $4.25. Smaller production this year faces larger demand. In part caused by menthol situation. Mainly the result of elimination of Russian competition.

Cassia Oil

It all started when Japan invaded north China, moved south, and in 1938 threatened the British Crown Colony of Hong Kong, the export point for cassia oil. Desire to throw the British out was clear but the British remained and cassia oil reached the United States to sell on spot at 85c. per pound.

Southward movement of the Japanese was resumed, timed with the German attack on Russia. Japan seized air, army, and naval bases in French Indo-China, demanded similar bases in Siam, and threatened at short range the sovereignty of Netherland Indies, Malaya and Singapore, and the Philippine Islands.

Each move of the Japanese war machine has increased the difficulty of getting cassia oil out of China. Ships are fewer, since no Japanese ships come to the United States now. Fewer sailings, and loss of ships at sea, have caused enormous advances in freight rates and marine as well as war risk insurance.

The tighter Japan draws the steel ring, the higher are prices squeezed. On August 25, 1939, the spot market was 88c. per pound. A month later it was $1.15. And today it is $4.25 per pound.

Import data of the Department of Commerce gives the total 1939 importations at 215,338 pounds. In the first quarter of that year. 72,020 pounds arrived, comparing with 57,256 pounds reaching here in the first quarter of 1941.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

A Big Economy Plus
For Lemongrass Users
OIL LEMONGRASS
SUBSTITUTE No. 619 MM&R
Closely approximates Genuine Oil Lemongrass Native in odor and character. Its economy of use and quality make it ideal for perfume and odor coverage in laundry and toilet soaps, liquid soaps, polishes, insecticides, fly sprays, disinfectants and innumerable other products.
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CHICAGO: 221 North La Salle Street
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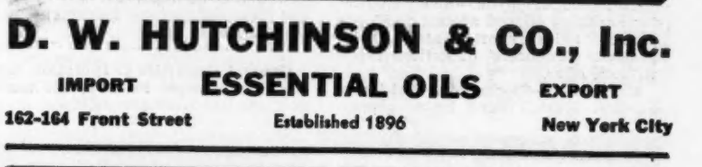
Branches: Chicago, San Francisco, Montreal, Mexico City



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MARKET INFORMATION

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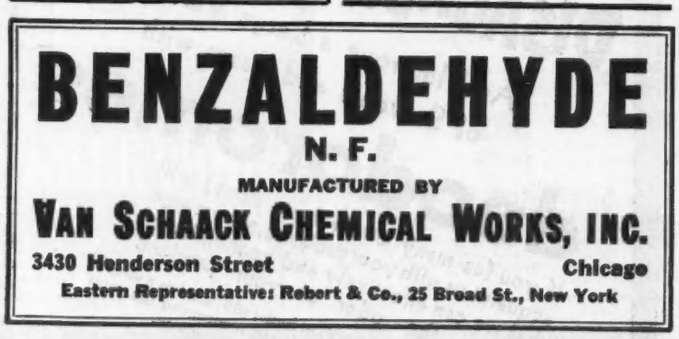

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Petitgrain.—Primary market price views hold at higher levels. Not much buying now. Some shippers blacklisted for Nazi connections.

Sassafras.—Artificial in limited supply. Nothing forthcoming from Japan. Domestic output curtailed by raw material curtailment. Brazilian oil offered spot at 75c. per pound.

Sweet Birch.—Firm to firmer. Demand gaining. Fair production expected.

Aromatic Chemicals

Acetophenone. — Situation strong. Under-supplied. Producers quote little. Mainly reserved. Active demand.

Amyl Acetate.—Substrata of market strong. Offerings limited. Sellers reserved. Stocks not likely to gain.

Anethol.—Advance strongly maintained. Raw material still higher. Gain in supply unlikely. Many not quoting.

Benzyl Acetate.—Some producers sold months ahead. Production curtailed recently by fire, one producer's plant. Premiums paid for prompt delivery material.

Benzyl Alcohol.—Dealers getting fancy prices. Unable to get substantial deliveries from producers. Output sold well ahead.

Benzyl Benzoate.—Very firm undertones. Excellent demand not met fully. Producers' production pressed steadily. Price premiums prevail.

Benzyl Salicylate.—Demand ahead of supply. Some improvement expected. But not much. Prices strongly supported. Many sales over minimum quotations.

Benzylidenacetone. — Sellers reserved. High volume request satisfied in part only. Prices strong. Some report market oversold.

Bromstyrol. — Stocks conservative. First-hand offerings slim. Some do not quote. Dealers hold strong views. Demand pressing.

Cinnamic Aldehyde.—Ready market for anything offered around $1.50 per pound. Sales reported at $1.60 by dealers. Producers' quotations made without offer.

Citronellol.—Stocks low. Not likely to gain much. Need heads supply. Strong undertone. Price premiums commonly paid.

Diacetyl.—Movement steady. Not too much available for prompt delivery. Undertones firm to firmer. Prices well maintained.

Diphenylmethane. — Stronger position. Offerings slim and getting slimmer. Dealers' stocks conservative.

Diphenyl Oxide.—Strong undertone prevailing. Demand reaching excellent levels. No surplus supply. Dealers' stocks reduced.

Ethyl Vanillin. — Prices unchanged when guaiacol and lignin vanillin prices dropped recently. Firm undertones. Excellent request.

Vanilla Beans Stolen From Norda Recovered

Thirty-two cans of vanilla beans valued at more than $15,000, part of a consignment from the Netherlands East Indies that was stolen from the Norda Essential Oil & Chemical Company, this city, last week-end, were recovered yesterday after detectives of the West Twentieth Street Station arrested two men as receivers of stolen goods.

Geranium Oil Outlook Favorable in Belgian Congo

In September and October of 1940 the United States purchased the total amount of geranium oil on hand, some 350 kilograms, thereby restoring Belgian Congo geranium cultivation, which was abruptly reduced following the blockade of Belgium during the middle of 1940, according to the Department of Commerce. Prior to that time Belgium was the only consumer of the production of geranium oil, although much of it had been re-exported to Germany. The colony is expected to produce about 3,000 kilograms of this oil in 1941 and about 4,000 in 1942. Geranium cultivation dates from 1934. However, production of the essential oil began to be important only in 1937, and remained more or less stable until the middle of 1940.

General Cosmetics Corporation, this city, has changed its corporate name to Technical Laboratories, Inc.

KNOCK-OUT
DISAGREEABLE ODORS
And Improve a Large Variety of Solvents and Bases with
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If you (as many others have done) will acquaint us with your problem, we are sure that we can effectively and economically improve the odor of your product.
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What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Three-hundred-eighty-ninth Instalment

Plastics

Dispersing Agents Used in Making Emulsified Plastic Compositions

(Continued from August 11 issue)

Beta-aminoethyltolyl ether acylated with lauric acid and sulphonated
Beta-aminoethyltolyl ether acylated with stearic acid and sulphonated
Betamethylaminoethyl ether acylated with lauric acid and sulphonated
Borax
Buckwheat starch
Butyl acetylricinoleate
Butyl ester of acetylated polymerized ricinoleic acid
Butyl ester of acetylricinoleic acid
Butyl ester of polymerized ricinoleic acid
Butyl ester of ricinoleic acid
Butyl naphthenate, normal
Butyl ricinoleate
Butylnaphthalenesulphonic acid
Calcium cresylate
Calcium oleate
Calcium oxide
Canna starch
Carbodite
Carbohydrates
Carbosterol
Casamine
Casein
Castile soap
Castor oil, acetylated
Castor oil, acetylated, polymerized
Castor oil, sulphonated
Castor oil fatty acids
Cellulose oleate
Cellulose stearate
Ceryl waxes
Cetalco
1:6-Chloronaphthalenesulphonic acid
4-Chlor-3-nitrobenzene-1-sulphodecylamide
Chlorotetrahydrobenzene
Cetyl-1-sulphuric acid ester, normal
Cholesterin
Clay
Cobaltous oleate
Colloresin FS
Condensation products of—
(1) Beta-aminoethylphenyl ether with lauric acid
(2) Beta-aminoethylphenyl ether with stearic acid
(3) Beta-aminoethyltolyl ether with lauric acid
(4) Beta-aminoethyltolyl ether with stearic acid
(5) Betamethylaminoethylphenyl ether with lauric acid
(6) Betamethylaminoethylphenyl ether with stearic acid
(7) Fatty acid glycerides with naphthalenesulphonic acid
Cosmine
Crotonic acid Isopropylbutylester
Cumenedisulphonic acid
Cumenesulphonic acid
Cyclohexylcyclohexanol sulphonate
Cyclohexylethanolamine
Dari starch
Decahydronaphthyl 2-methylcyclohexanol sulphonate
1 Decahydronaphthylmethylmethylcyclohexanol sulphonate
Decylguanidin hydrochloride
Deramin
Diamylamines
Dibutyl ricinoleicsulphonate
Dicarboxylic acid of monocyclic terpene
Dicarboxylic acid of polycyclic terpene
Diethylaminobetaoxypropylamine
Diethylbenzylethylenediamine
Diethylene oxide
Diethylenethylenediamine
Diethylenethylenediamine, asymmetrical
Diglycol laurate
Diglycol oleate
Diglycol palmitate
Diglycol stearate
Diethyleneglycol distearate
Dihydroxystearate
Dimethylcyclohexyldimethylcyclohexanol sulphonate
Dioxan
Dodecylchloroacetic ester reacted with sodium thiosulphate
Dodecylguanidin hydrochloride
Dodecylpiperidin, normal
Dodecylsulphoniumglycin
Dodecylsulphonylmethyltaurin
Emulsifier B 585
Emulsifier P&S
Emulsifier 157
Emulsional
Emulsol
Emulsol 10
Emulsone
Emulsone B
Eritan
Ethanolamine
Ethanolamine oleate
Ethanolamine palmitate
Ethyl acetylricinoleate
Ethyl ester of a cetylated polymerized ricinoleic acid
Ethyl ester of polymerized ricinoleic acid
Ethyl ester of ricinoleic acid
Ethyl ricinoleate
Ethylnaphthalenesulphonic acid
Factolac
Fatty acid ethanolamides
Fatty acid ethanolamides glycolated with ethylene oxide
Fatty alcohols
Fatty alcohols, sulphonated
Fatty amides of aromatic aminosulphonic acids
Fijiolene
Foaming agent NC
Gamma-4-secondary-butylcyclohexylbutyric acid
Gamma-4-N-octylcyclohexylbutyric acid
Gardinol
Glue
Glycerides
Glycerin esters
Glycerol beta-acetylether
Glyceryl monolinoleate
Glyceryl monomyristate
Glyceryl monoricinoleate
Glyceryl monostearate
Glyceryl oleate
Glyceryl stearate
Glycol esters
Glycol glyceryllaurate
Glycol glycerylstearate
Glycol mono-oleate
Glycol stearate
Glycollic acid
Glycollic acid salts and their derivatives
Glycon
Glycopon
Glycosterin
Glutoline
Guaiac saponin
Hemicellulose
Heptyl alcohol
Hexadecylguanidin hydrochloride
Higher fatty amines and their derivatives
Hydrathtal
Hydrocol
Hydrophtal
Hydroxystearic diglyceride
Immersol
Intramine
Isomerpin
Invadene
Invadin
Iron arabate
Isopropylchloronaphthalenesulphonic acid
Isopropylnaphthalenesulphonic acid
Kali penetrators
Kaolin
Kapinol
Kelgin
Lanette wax
Lanoclarin
Laurylnaphthionic acid
Lead-titanium tungstateresinate
Lecithin
Lecithin hydrate
Lentil starch
Linoleate-tungstates
Lohrinol
Magnesium arabate
Magnesium oleate
Magnesium valerate
Manucol
Merpentine
Mesitylenedisulphonic acid
Mesitylenesulphonic acid
Meta-aminodimethylanilin
Methyl acetylricinoleate
Methylester of acetylated, polymerized ricinoleic acid
Methylester of polymerized ricinoleic acid
Methyl oleicsulphonate
Methyl ricinoleate
Methyl undecylinate
Methylcellulose
Methylcyclohexyl 4-sulphophthalate
Methylcyclohexylmethylcyclohexanol sulphonated
Methyldodecylaminoacetic acid
Methyldodecylaminomethylsalicylic acid
Methyldodecylaminopropionic acid
Methyldodecylaminosuccinic acid
Methylenedisulphonic acid
Methylethyleneglycol monopalmitate
Methylhexalin
Methylnaphthalenesulphonic acid
Methyloleylaminoacetic acid

(To be continued)

Petroleum Products

Pennsylvania Crude Oil Advanced to Highest Prices in Years —Fifth Increase in 1941—Refined Petroleum Products Growing Scarce—Certain Materials Unobtainable

One of the sharpest advances in recent years was posted last week in prices for Pennsylvania-grade crude oil. The mark-up was credited to greatly increased demand for Pennsylvania lubricating oils, and fixed the highest prices which have ruled for several years in the areas affected. It was the fifth increase this year and the seventh in ten months. The advance was made by the Joseph Seep Purchasing Agency of the South Penn Oil Company. Indications were that other buyers, especially those in lower district fields, would meet the boost.

Refined petroleum products remained very tight during the week, with certain materials virtually unavailable. Among the latter were aromatic naphthas, lacquer diluent, butane and propane, and crude scale wax. Hard to obtain were most solvents and naphthas, lighter fractions refined wax, petrolatums and white mineral oils.

Coastwise shipments of petroleum and refined products from Gulf to Atlantic ports during March totaled 5,128,620 tons, according to the Department of Commerce. Included were 2,028,254 tons of crude oil; 1,273,921 tons of gasoline; 18,461 tons of naphtha; 274,852 tons of kerosene; 58,259 tons of lubricating oil, and 1,199 tons of paraffin wax.

Price Changes

Advanced

Petroleum, crude, bulk, at well, Pennsylvania grades, 23c. to 25c. per bbl.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

Aromatic Naphthas.—Scarcity in the market became more acute. Most grades unobtainable. No spot business reported. Prices virtually nominal.

Cleaners' Naphtha.—Market tight. Supplies small. Offerings limited. Prices firm.

Lacquer Diluent.—Offerings further curtailed. Small supplies. Spot business unreported. Small contract movement. Prices virtually nominal.

Mineral Spirits. — Brisk demand from paint trade. Shipments smaller. Prices steady.

Rubber Solvent.—Contract ordering at peak. Spot buyers encountering difficulty in obtaining supplies. Price unchanged and firm.

Stoddard Solvent.—Market tight. Demand heavy. Prices stiff.

V. M. & P. Naphtha.—Movement smaller due to curtailment of offerings. Contracts fulfilled but spot business inactive. Price steady.

Markets at Other Centers

Chicago—Aug. 15

Strong market conditions persist. Some products are hard to obtain in quantities desired by buyers for early shipment. Paint trade and other consumers are interested buyers.

Aromatic Naphthas.—Material short, market strong.

Cleaners' Naphtha.—Supplies limited. Prices firm.

Lacquer Diluent.—Offerings restricted, quotations strong.

Mineral Spirits.—Demand active, market stiff.

Rubber Solvent.—Orders good, prices steady.

Stoddard Solvent.—Movement large, no change in quotations.

V. M. & P. Naphtha.—Buying substantial, market holding firm.

New Orleans—Aug. 15

The domestic market on cleaning solvent and V. M. & P. naphtha continued to experience a seasonal demand, with prices exhibiting the usual steady trend.

Cleaning Solvent.—Demand routine; price steady.

V. M. & P. Naphtha. — Movement normal; no change in price.

San Francisco—Aug. 15

In spite of shortages in some items reported elsewhere in the country, there is no squeeze in the supply picture here. Trade is good in all divisions. No price changes.

Aromatic Naphthas. — Demand very broad. Supplies holding up.

Petroleum Thinners.—Good buying activity.

Lacquer Diluent.—Active buying.

V. M. & P. Naphthas.—Good demand.

Rubber Solvent. — No scarcity here. Movement good.

Stoddard Solvent.—Heavy call for this material.

Cleaners' Naphtha.—Routine.

Tulsa—Aug. 15

Buyers are expanding orders in all solvents and naphthas. Prices are very firm, although no change in posted quotations has been made.

Cleaners' Naphtha.—Buyers more active. Quotations strong.

Stoddard Solvent.—Expansion in demand. Prices firm.

V. M. & P. Naphtha.—Strong call. Quotations unchanged.

Mineral Spirits. — Broader demand. Prices unrevised.

Lacquer Diluent.—Buyers seeking more material. Prices firm.

Rubber Solvent.—Market very active. Prices strong.

Lighter Fractions

Butane.—Few sales due to scarcity. Contract buyers doled small amounts. New business discouraged. Price strong.

Heptane.—Market at previous level. Offerings fewer. Demand good. Price steady.

Hexane. — Good movement, with fairly large amounts offered. No change in price.

Octanes. — Large demand for this mixture. Suppliers fairly well stocked. Shipments heavy. Price firm.

Pentanes.—Inquiries more numerous. Market active. Price steady and unchanged.

Propane.—Similar to butane, offerings were restricted. Sales allocated to contract customers and regular buyers. New business discouraged. Stocks low. Price strong.

Markets at Other Centers

Chicago—Aug. 15

Sellers' market conditions continued to prevail in the light hydrocarbons. Buyers are finding it more difficult to obtain all the material they desire.

Butane. — Limited offerings. Market steady.

Heptane. — Orders good, quotations firm.

Hexane. — Demand steady, prices strong.

Octanes.—Demand improved, no price change.

Pentanes.—Buying active, quotations steady.

Propane.—Material in limited supply, with market strong.

Tulsa—Aug. 15

Spot buying is at a standstill in view of the steadily increasing orders being placed by contract buyers. There is a scarcity of all materials and prices are strong.

Butane.—More orders; quotations tight.

Propane.—Broader demand. Quotations firm.

Pentane. — Demand increasing. Prices strong.

Petrolatums and Waxes

Paraffin.—Small amounts of crude scale available for contract customers. Few offerings in the open market. Refined grades very tight. Prices strictly nominal.

Petrolatums.—Market ruled firm and unchanged. Demand heavy and offerings small.

White Mineral Oils.—Good call. Stocks tight. Prices steady and unchanged.

Markets at Other Centers

Chicago—Aug. 15

Most grades of materials in this general class are steady and in good call, with supplies tending toward stringency. Buyers are bidding against each other for petrolatums, with other products holding their own.

Paraffin. — Offerings short, prices strong.

Petrolatums.—Heavy demand, market tight.

White Mineral Oils.—Movement brisk, prices firm.

Tulsa—Aug. 15

Interest for wax is declining somewhat although inquiries are still more active than normally.

Paraffin.—Good volume of orders. Prices firm.

Petrolatum.—Market inactive. Prices steady.

Fuels and Lubricants

Gasoline.—Strong demand. Stocks low. Prices unchanged.

Kerosene.—Good call. Shipments large. Quotations unaltered.

Lubricating Oils.—Previous prices

Kerosene

War conditions and the closing of many trade routes by blockades, reduced exports of kerosene from the United States during 1940 to the unprecedented low of 3,374,000 barrels. This was about half the previous low of 6,651,000 barrels established in 1935. The 1939 figure was 8,241,000 barrels. Further curtailment of exports may be seen by recent figures which show that only 393,506 barrels were exported in the first four months of 1941, compared with 1,472,420 in the similar period last year.

Domestic demand mounted sharply from 60,503,000 barrels in 1939 to 68,776,000 in 1940, a gain of about 14 percent. Production was hiked to 73,882,000 barrels last year from 68,521,000 in 1939. Stocks totaled 9,512,000 barrels at the end of 1940, against 7,576,000 at the close of 1939.

Kerosene price movements since the outbreak of war have been narrow. The quotation on 41 degree and 43 degree water-white at Bayonne was 4⅜c. to 4⅞c. per gallon on August, 1939, compared with a present price of 5.20c. The price in the Midcontinent was 3⅞c. to 4¼c. per gallon against 4⅜c. to 4⅝c.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

VIKING
Petroleum Solvents
PENTANE
HEXANE HEPTANE
PETROLEUM ETHER
LIGROIN BENZINE
LOW COST - HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
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NOT rabbits out of your hat, but *profits* out of your paint! That's the sort of magic you can perform when you treat your paints with

FRITZSCHE BROTHERS' PAINT DEODORANT No. 5

By using this proven deodorant you can give the consumer the type of paint he has been waiting for *and will buy*—namely, one *without objectionable odor*. The cost is negligible — 1 lb. of "No. 5" effectively masks 400 gallons of the average paint. Write for particulars TODAY.

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ODORLESS SOLVENTS AND DEODORANTS

PETROLATUMS
and
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were maintained last week, probably as a result of the government's request that no further advance be made. Demand remained heavy.

Crude Oil Price Changes

Prices of Pennsylvania grade crude were advanced 23c. to 25c. per barrel, to $2.98 for Bradford-Allegany; $2.65 for Southwest Pennsylvania, and $2.59 for Eureka. Buyers of lower district crude are expected to meet the increase.

Markets at Other Centers

Chicago—Aug. 15

Extensive demand continues for all materials. Prices are strong.

Gasoline.—Heavy buying, prices strong.

Kerosene.—Improved interest, no price change.

Lubricating Oils.—Persistent interest, market strong.

New Orleans—Aug. 15

A conservative demand was experienced in the domestic market on gasoline during the past week with quotations remaining unaltered. There was no change in the demand for kerosene which continued slow.

Gasoline.—Market normal; price stable.

Kerosene.—Demand slow; prices unchanged.

Tulsa—Aug. 15

Continued abnormal demand and strengthening of prices reported, although no changes have been made.

Gasoline. — Supplies limited. Prices strong.

Kerosene.—Interest picking up. Prices firm.

Lubricants.—Larger demand. Quotations being consolidated.

Natural Gasoline.—Increasing inquiries. Prices strong.

Patent Application Assignment Now Protected

A bill (H. R. 3206) providing for greater protection for the purchaser of patent rights has been passed by the senate and sent to the President for signing. This bill amends section 4898 of the Revised Statutes relating to assignment of patents and the recording of such assignments. The amendment makes this statute applicable to applications for patents as well as to patents themselves. Thus, an assignment of an application for a patent will be as fully protected as an assignment of a patent.

Texas to N.Y. Pipeline Planned by 11 Firms

—Continued from page 4

the immediate petroleum problem caused by the current deficiency in transportation facilities.

A formal agreement has been drafted by eleven of the large oil companies, Mr. Ickes said, which will become effective upon the issuance of a proclamation by President Roosevelt under the terms of the Cole pipeline bill recently enacted into law, proposing the creation of a jointly owned, privately financed $80,000,000 corporation to be called National Defense Pipelines, Inc., and a smaller corporation to be known as Emergency Pipelines, Inc. The participating oil companies are as follows:—

The Standard Oil Company of New Jersey, the Consolidated Oil Corporation, the Sun Oil Company, the Atlantic Refining Company, the Cities Service Company, the Socony-Vacuum Oil Company, the Tide Water Associated Oil Company, the Texas Corporation, the Shell Oil Company, the Gulf Oil Corporation, and the Pan-American Petroleum & Transport Company.

The plan for National Defense Pipelines, Inc., contemplates the construction, operation and maintenance by it of the following facilities for the transportation of crude oil:—

1. A 22-inch pipeline originating west of Shreveport, La., near the Texas border, extending in a northeasterly direction to near Salem, Ill.; distance approximately 490 miles.

2. A 16-inch connecting line from Salem to Wood River, Ill., to tap existing facilities carrying oil from Oklahoma, Kansas, Texas, Mid-Continent and Illinois areas; distances about 65 miles.

3. A 24-inch pipeline from the junction of the first two lines near Salem to be constructed to the so-called New York and Philadelphia areas, with branches to refining centers; distance to New York harbor about 1,200 miles.

4. Necessary tank farms, tankage, pumping stations, and equipment to deliver an aggregate of 250,000 barrels of oil daily to terminal points at Bayonne and Philadelphia.

Emergency Pipelines, Inc., would construct, operate and maintain the following transportation facility:—

A 22-inch pipeline originating at a point in the east Texas oil field and extending northeasterly to near Shreveport, where it will connect with the line to be constructed by National Defense Pipelines, Inc.; distance about 65 miles.

Pipeline Equipment Gets Highest Priority Rating

OPD Washington Bureau
August 11, 1941

Priorities Division of the Office of Production Management announced today that the priority rating of the 260-mile oil pipeline from Portland, Me., to Montreal, Canada, has been advanced to A-1-a, the highest obtainable.

The action of the Priorities Division was taken at the request of Mr. Ickes in order to expedite the flow of oil to Canada and the flow of munitions from there to Britain. The former rating of a-2 on the pipeline project, Mr. Ickes said, had proved inadequate to make the necessary materials available for construction of the American section of the line prior to the time when weather conditions will seriously interfeee with operations.

Butane Dealers Fight Freight Basis System

OPD Washington Bureau
August 11, 1941

Establishment of "reasonable rates" for the transportation of butane gas from Louisiana and other origin points to Mississippi destinations was urged in a formal complaint filed with the Interstate Commerce Commission this week by the Butane Gas Dealers of Mississippi against the Atchison, Topeka & Santa Fe, and other railroads, charging the carriers with overcharges on shipments of the gas. The complainants also request the commission to direct the carriers to desist from the present practice of basing rates on "arbitrary estimated weights, which estimated weights far exceed the actual weights of such shipments."

Trade Briefs

R. N. Keppel, vice-president and director of the Standard Oil Company of Pennsylvania, has been elected president.

H. S. Merriman, division manager of the Socony-Vacuum Oil Company, has accepted appointment as chairman of the membership committee of the Buffalo Chamber of Commerce.

Henry W. Wilson, formerly vice-president and general manager of the Panhandle Producing & Refining Company, has been elected president, succeeding the late William Rhodes Davis.

Standard Oil Company reports a Houdry process plant being built at El Segundo refinery at cost of $4,500,000 will increase 100-octane aviation gasoline capacity 2,300 barrels daily, plus 2,600 barrels of high octane motor fuel.

McColl-Frontenac Oil Company, Montreal, plans the erection of a modern oil refinery on a 60-acre tract in the Bonnybrook district in East Calgary, Alta. The plant will cost $1,000,000, with a capacity of 35,000 barrels of crude oil daily.

M.W. Thornburg Gets State Department Post

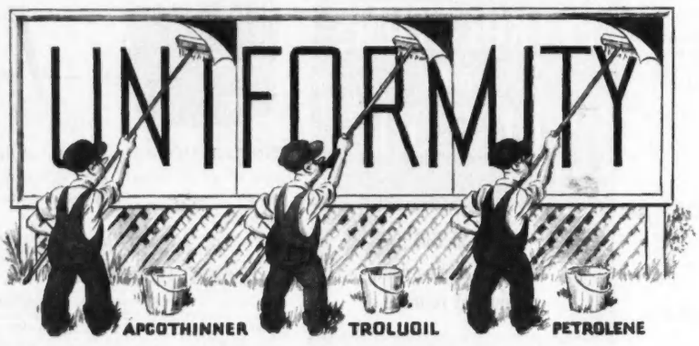
OPD Washington Bureau
August 11, 1941

Max W. Thornburg, former vice-president of the Bahrein Petroleum Company, Ltd., has been named a special assistant to Sumner Welles, Under Secretary of State. He is to be assigned to a post in the State Department's office of the Adviser on International Economic Affairs.

Kendall Buys Refinery

Bradford, Pa., Aug. 11, 1941

The Kendall Refining Company last week purchased at auction the Forest Brook refinery of the Bradford Oil Refining Company for $305,500. The Kendall company will use the refinery for development of specialty products.



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Fertilizer Materials

General Market Turns Dull on Weakness in Organics — Blood and Tankage Reduced and Quiet—Less Interest in Feed Materials — Demand for Chemicals Brisk

The market for most raw fertilizer materials turned dull last week, with a slackening especially noted in the demand for various organics. There was little movement of dried blood and prices were reduced for the imported material and at Chicago. Next quotations were expected to be lower. Feed materials, after several weeks of briskness, suffered a let-down in buying interest and prices turned easier. Feed tankage was reduced at New York and Chicago. Menhaden fishing remained very good and consumers were holding off in anticipation of lower offers. Cottonseed meal was higher.

The chemical side of the market presented a less dull picture. The demand for most chemical products remained active, although low stocks of many of them prevented producers from taking advantage of the buying interest. Supplies of nitrate of soda and sulphate of ammonia were low and sellers were not making future commitments. Potash salts delivery was slowed down after many weeks of briskness. Superphosphate was in large call, with producers maintaining price levels.

Price Changes

Advanced

Cottonseed meal, 8%, Sept. shipt., $1 per ton, Southeast.

Reduced

Blood, dom., f.o.b. Chi., 15c. per unit.
imp., c.i.f. ports, 15c. per unit.
Tankage, feed, f.o.b. N. Y., 25c. per unit.
f.o.b. Chi., 25c. per unit.

Comparative Values

Index numbers compiled from four typical fertilizer materials, on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.2	70.2	69.1	67.0

Market news that may have developed after this report was sent to press will be found on page 4.

Nitrogenates

Ammonia Phosphate.—Stocks low. Price firm. May imports totaled 2,636 short tons.

Calcium Nitrate. — Unavailable. Prices withdrawn.

Castor Pomace.—Small call for domestic material at unchanged price. No imported obtainable.

Cyanamid.—Few offerings, with only 5,059 short tons imported from Canada during May.

Dried Blood.—Reduced 15c. per unit to $3.60 at New York. Price on imported down similar amount to $3.25. Movement dull. Interest off. New York price easier.

Fish Scrap.—Last sales of dried menhaden futures reported at $4.25 and 10c. Lower prices looked for. Menhaden meal in small call at unchanged price.

Guano.—May imports totaled 5,458 short tons, valued at $188,489, all from the Falkland Islands. Good demand.

Nitrate of Soda.—Fair spot call for imported and domestic. Stocks not too plentiful. Prices firm. A total of 42,131 short tons came into the country during May, all but three tons from Chile.

Nitrogenous Material. — Supplies tighter. Offerings limited in Midwest. Prices steady. May imports were 2,460 short tons.

Sulphate of Ammonia.—Very tight. Prices unchanged. Only 1,768 short tons were imported into the United States in May.

Tankage.—Feed material off 25c. per unit to $4.50 and 10c. at New York and $4.75 and 10c. at Chicago. Buying interest duller.

Potashes

Delivery tapered off somewhat during the period under review. There continued a brisk interest in all potash salts, but low stocks lessened the activity in the market. Prices were firm and unrevised.

Phosphates

Bone Materials.—Few offerings, especially of imported material. Demand for feed products smaller. Prices unchanged.

Superphosphate. — Market active. Supplies not too plentiful. Prices steady.

Phosphate Rock.—Good call. Prices firm.

Sulphur and Pyrites

Movement was slower. Inquiries were off. Prices firm and unrevised. Exports of crude sulphur from the United States during the first five months of 1941 totaled 180,400 tons, valued at $3,300,000, compared with 292,000 tons, valued at $5,282,000 in the similar period of 1940.

Markets at Other Centers

Atlanta—August 15

Cottonseed meal has again advanced in price. Fertilizer manufacturers are encouraged over the prices which tobacco are bringing but are discouraged over the first report of the Department of Agriculture as to the cotton outlook.

Superphosphate.—58c. per unit, interior producing points.

Nitrate of Soda.—$30 per ton, bulk, ports.

Sulphate of Ammonia.—$29 per ton, ports; $28 at ovens.

Cottonseed Meal.—September, $35.50 per ton, Southeast, for 8 percent grade.

Blood.—$3.60 per unit, Chicago; $3.25, ports for So. Am.

Bone.—3 and 50 steam bone meal, $37 per ton, Chicago.

Baltimore—August 15

The market for crude fertilizer materials has remained about stationary. Demand is less active than it had been.

Fish Scrap.—Fishing continues good. Last sales reported at $4.25 and 10c. Meal is bringing $65 per ton in carload lots, basis Baltimore.

Superphosphate.—Supplies are growing smaller. Interest stimulated. Current business taken at $9.50 for run-of-pile, $10 per ton for 16 percent milled and screened stocks.

Tankage.—The market is quiet and well sold up, with the last trading in feed material recorded at $4.50 and 10c. per unit-ton.

Dried Blood.—Quiet prevails with last business at $3.50 per unit-ton. South American material offered at $3.25.

Tankage

United States imports of tankage during the first four months of 1941 totaled 21,252 tons, about double the 10,996 tons registered during the similar period last year. Imports in 1940 showed only a small increase, being 60,446 tons, against 64,855 in the preceding year.

The increase in imports this year may be traced to the generally more active conditions in the market for fertilizer materials. The shortage of many chemical products and of various organics has prompted regular consumers to buy heavily in order to overcome anticipated increased prices. Also, organics are being bought to replace certain chemicals which now are hard to obtain.

No recent figures on tankage production in the United States are available. In 1939, however, 225,572 tons valued at $6,325,415 were produced, compared with 1937 figures of 179,715 tons, valued at $4,829,025.

Tankage prices have been advanced generously since the outbreak of war. In August, 1939, New York prices were $2.75 and 10c. per unit for fertilizer grade and $2.95 and 10c. for the feed. Imported material was at $3 and 10c. Currently, quotations are $1 per unit higher for the fertilizer, $1.05 higher for the feed and $1.25 higher for the imported.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

★ Domestic MADE IN U.S.A.
THE BARRETT COMPANY
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SULPHATE OF AMMONIA
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Manure Salts
P.C.A.
RED MURIATE
POTASH COMPANY of America
GENERAL SALES OFFICE
50 BROADWAY NEW YORK CITY

Chicago—August 15

Quiet market tendencies are reported prevailing in fertilizer materials. Orders on previous commitments are reported fair. Blood is in duller call. Bone materials have been steady.

Blood.—Principal grade, $3.60 per unit.

Tankage.—High grade, $4.75 and 10c.; hoof-meal, $2.75 to $3; liquid stick, $1.50 to $1.75.

Bone Materials. — Ground, steamed bone, 1¼ and 60 percent, $40; 3 and 50 percent, $37; 4½ and 50 percent, $37.50 to $38; grinding hoofs, pigs' toes and waste horn materials, $37.50 to $40; cattle jaws, skulls and knuckles, $37.50 to $40; pork cracklings, soft pressed, $50 to $52.50; beef cracklings, soft pressed, $47.50 to $50; hard pressed cracklings, per unit of protein, 97½c. to $1.

San Francisco—Aug. 15

Buying in the market is only moderate and in organics there have been few price changes in the past several weeks with the exception of rather frequent fluctuations on fish meal. The latter turned slightly easier during the week, apparently this situation being based on the promised large tonnage, which the new season is bringing in.

Sulphate of Ammonia.—Domestic, $38 per ton in 100-pound bags. Sales effected on day-to-day basis.

Nitrate of Soda.—100-pound bags, $33 per ton ex vessel or warehouse; 167-pound bags, $32.40; bulk, $30.

Superphosphate. — Domestic, 83c. per unit in bulk, f.o.b. San Francisco; bags, 99c.

Ammonia Phosphate.—Eleven and 48 percent material at $56 per ton, port basis. Sixteen and 20 percent, $46, port basis, with $1 per ton higher for delivery inland.

Fish Meal.—Market stronger. Futures, $65 per ton for 67% protein material, f.o.b. San Francisco Bay points. Monterey, 65% protein, $68.50.

Tankage.—Steady and quiet. Dry rendered, ground, 50 percent, $50 per ton, f.o.b. cars; 55%, $54 per ton. Unground, dry rendered, 85c. per unit of protein, f.o.b. cars, South San Francisco. Wet rendered, nominally at $3.25 and 10c.

Blood Meal.—Quoted at $3.50 per unit, f.o.b. cars, San Francisco; $3.25 at Los Angeles.

Bone Meal. — Supplies light. Prices ranging from $40 to $47 per ton, delivered.

Trade Briefs

Jefferson Lake Sulphur Company's production at Clemens, La., for the first six months of 1941 totaled 104,654 tons, compared with 108,911 tons for like 1940 period.

Carnmex Guano Company, Ltd., which is installing equipment to mine and produce guano on its leased property in the Carlsbad Caverns National Park, maintains headquarters in San Angelo, Tex., not in San Antonio, as stated in the REPORTER August 11.

Salisbury Seed & Feed Company, Salisbury, Md., has been incorporated under the laws of Maryland to engage in the fertilizer seed and chemical business. The capital stock is made up of 1,000 shares of no par value, and the incorporators of record are J. Ralph Mace Jr., Roland Johnson and J. Howard Phillips all of Salisbury.

Borden to Make Vitamins

The Borden Company will create a vitamin products department to be headed by Harry McNeilly, industrial engineer and former vice-president of Scott & Bowne Vitamin Corporation. The company will manufacture and sell certain vitamins, particularly vitamins A and D.

U.S. Revenue Returns Show Increase in June

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for June 1941, compared with June, 1940, as follows:—

Taxes Collected

	June, 1941.	June, 1940.
Coconut, etc., oils processed	1,744,068.57	1,864,860.94
Distilled spirits, domestic, excise tax $3 per gallon	37,295,970.86	31,911,527.15
Distilled spirits, imported, excise tax $3 per gallon	2,697,691.96	3,537,982.35
Gasoline	20,582,455.07	21,085,903.15
Lubricating oils	4,010,109.05	2,924,593.97
Narcotics, including special taxes	221,308.75	215,680.32
Oleomargarin excise taxes	64,884.11	43,694.27
Oleomargarin special taxes	252,262.17	279,067.49
Toilet preparations	493,687.58	1,138,063.35
Transportation of oil by pipeline	1,261,779.98	1,041,309.16
Total internal revenue	$1,111,455,809.18	$697,099,295.98

Quantities Taxed

	June 1941.	June 1940.
Distilled spirits, domestic tax gallons	12,593,617	14,256,259
Distilled spirits, imported tax gallons	917,565	1,768,247
Distilled spirits, rectified, proof gallons	4,316,550	4,288,902
Oleomargarin, colored, pounds	34,042	16,398
Oleomargarin, uncolored	24,338,700	16,795,668

Insecticides containing soda fluoride must be colored Nile blue to conform with he regulations of the Maryland State Board of Health.

Simplification Plans Not 'Trust' Actions

—Continued from page 3

Arnold's letter was to clear the attitude of doubt and uncertainty as to the attitude of the Department of Justice and should, he said, encourage industry groups, in cooperation with government, to take affirmative action looking toward the conservation of scarce and critical defense materials wherever simplification and standardization of products will achieve this result.

Mr. Arnold saliently said:—

I understand from your plan of procedure that simplification and standardization proposals will originate with defense agencies, the Department of Commerce, and industry, and that conferences will be held with representatives of specific industries and interested government agencies to obtain advice and information on particular proposals.

In my view, continued adherence to the specific purpose of simplification will not raise any questions under the Federal antitrust laws.

Canadian Paper Industry To Install Pyrite Furnace

The Canadian pulp and paper industry is to install its second commercial pyrite furnace, according to advices received by the Department of Commerce. A large manufacturer of pulp, newsprint and specialty papers located in Quebec announced that the acid plant which heretofore used imported sulphur will be replaced by an acid plant in which pyrite from Canadian sources will be burned as a source of sulphur dioxide gas.

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To meet the present emergency needs for this vital raw material, we have stepped up production to keep abreast of the accelerating demand. As a bulwark for the future, we have above-ground more than a year's supply of sulphur, which was produced and stored before this emergency arose.

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Imports at U. S. Ports

New York Imports

ALUMINUM FOIL—29 cs, New England Foil Corp, Genoa
42 cs, New England Foil Corp, Genoa
64 cs, New England Foil Corp, Genoa

ANISE—84 bgs, Vera Cruz

ANNATTO SEED—100 bgs, J A Manton, Kingston

ANTIMONY ORE—1,295 bgs, Banco Minero de Bolivar, Antofagasta
505 bgs, J Henry Schroeder Banking Corp, Antofagasta
711 bgs, Banco Minero de Bolivar, Antofagasta
860 bgs, J Henry Schroeder Banking Corp, Antofagasta
315 bgs, Banco Minero de Bolivar, Antofagasta
174 bgs, Banco Minero de Bolivar, Arica
767 bgs, Banco Minero de Bolivar, Arica
2,238 bgs, Banco Minero de Bolivar, Antofagasta
334 bgs, J Henry Schroeder Banking Corp, Antofagasta
2,262 bgs, Banco Minero de Bolivar, Antofagasta
2,485 bgs, J Henry Schroeder Banking Corp, Mollendo
3,431 bgs, Banco Minero de Bolivar, Antofagasta
15 bgs, W R Grace & Co, Callao

OXIDE ORE—100 bgs, W R Grace & Co, Salaverry

ARROWROOT—300 bgs, Morningstar-Nicol, St Vincent
400 bbls, Morningstar-Nicol, St Vincent
200 bgs, Morningstar-Nicol, St Vincent

ASBESTOS—2,000 bgs, Raw Asbestos Distr, Ltd
1,334 bgs, Raw Asbestos Distr, Ltd
3,000 bgs, Johns-Manville Corp

ASPHALT—400 bgs, Allied Asphalt & Mineral Co, Havana
1,020 bgs, Allied Asphalt & Mineral Co, Havana

BABASSU KERNELS—3,333 bgs, General Food Sales Corp, Brazil
3,332 bgs, General Food Sales Corp, Brazil
2,500 bgs, General Food Sales Corp, Brazil
1,666 bgs, General Food Sales Corp, Brazil
1,666 bgs, General Food Sales Corp, Brazil
5,000 bgs, General Food Sales Corp, Brazil

BALSAM—27 cs, S Grazi Co, Barranquilla

BAUXITE—3,321 long tons, Aluminum Co of Canada, Trinidad
5 cs, Brown & Sites, Santos

BEEF LIVER EXTRACT—20 kegs, Lederle Lab, Havana

BISMUTH LEAD—1 bx, Cerro de Pasco Copper Co, Callao

BRISTLES—10 cs, M Amanoff, India
8 cs, Ainstein Importing Corp, Buenos Aires

CACTUS—17 cs, S B Penick & Co, Kingston

CANARY SEED—847 bgs, R F Downing & Co, Buenos Aires
340 bgs, A G Dunn, Buenos Aires

CASEIN—250 bgs, Eugenio Lang, Buenos Aires
166 bgs, National Dairy Product Corp, Buenos Aires
1,000 bgs, H S Cramer & Co, Buenos Aires
303 bgs, Transatlantic Animal By-Product Co, Buenos Aires
397 bgs, American British Chemical Supplies, Buenos Aires
2 bgs, Buenos Aires

CASTOR BEANS—10,200 bgs, Baker Castor Oil Co, Bahia
5,100 bgs, Guaranty Trust Co, Bahia
10,200 bgs, Baker Castor Oil Co, Bahia
6,800 bgs, Guaranty Trust Co, Bahia
6,774 bgs, Baker Castor Oil Co, Bahia
1,694 bgs, National City Bank, Bahia
1,694 bgs, Guaranty Trust Co, Bahia
6,800 bgs, Baker Castor Oil Co, Bahia
1,694 bgs, National City Bank, Bahia
1,694 bgs, Spencer Kellogg & Sons, Bahia
6,800 bgs, Guaranty Trust Co, Bahia
3,400 bgs, Baker Castor Oil Co, Bahia
1,700 bgs, Spencer Kellogg & Sons, Bahia
1,700 bgs, National City Bank, Bahia
1,700 bgs, Guaranty Trust Co, Bahia
12,898 bgs, Baker Castor Oil Co, Santos
2,734 bgs, Guaranty Trust Co, Santos
7,000 bgs, Baker Castor Oil Co, Santos
2,251 bgs, Baker Castor Oil Co, Rio Janeiro
1,734 bgs, Baker Castor Ooil Co, Rio Janeiro
8,000 bgs, Baker Castor Oil Co, Rio Janeiro
2,500 bgs, Baker Castor Oil Co, Rio Janeiro
1,694 bgs, National City Bank, Rio Janeiro
780 bgs, Victoria
3,400 bgs, Birkshire Chem Co, Santos
3,427 bgs, Spencer Kellogg & Sons, Santos

CELERY SEEDS—173 bgs, Kachurin Drug Co
86 bgs, B H Old & Co
173 bgs, Kachurin Drug Co

CHEMICALS—1 cs, Hoffman La Roche, Genoa
2 bbls, Sandoz Chem Works, Lisbon

PRODUCT—600 bgs, Vera Cruz

SYNTH—67 cs, Firmenich & Co, Genoa

TEXTILE—135 dms, Sandoz Chem Works, Genoa
9 cks, Sandoz Chem Works, Genoa
180 dms, A E Nydegger & Co, Genoa
11 bbls, Sandoz Chem Works, Lisbon

CHROME ORE—5,000 tons, Electro Metallurgical Co

CLOVES—2,000 bls, Geo Uhe Co
1,000 bls, Greene Trading Co
300 bls, A G Dunn
750 bls, R J Prentiss & Co
615 bls, Kachurin Drug Co
500 bls, Geo Uhe Co
600 bls, Greene Trading Co

COBALT COPPER ORE RESID—1,100 bgs, Deloro Smelting & Refg Co

COCHINEAL—22 bgs, E Mittenberg, Callao

COCOA BEANS—1,000 bgs, Wessel, Kulenkampf & Co, Trujillo
877 bgs, Curacao Trading Co, Trujillo
250 bgs, Carr Bros, Puerto Plata
1,608 bgs, Curacao Trading Co, Puerto Plata
1,000 bgs, Middleton & Co, Cristobal
500 bgs, Daarnhouwer & Co, Cristobal

COCOA BEANS—500 bgs, Wessel, Duval & Co, Cristobal
200 bgs, Schwabach & Co, Cristobal
2,350 bgs, Fruit Dispatch Co, Cristobal
500 bgs, E Adler, La Guaira
2,000 bgs, Machado & Co, La Guaira
143 bgs, Meyer & Co, La Guaira
315 bgs, Puerto Cabello
500 bgs, Puna
250 bgs, W R Grace & Co, Puna
300 bgs, Puna
500 bgs, Middleton & Co, Trinidad
200 bgs, Wessel, Kulenkampf & Co, Grenada
100 bgs, Wood & Selick, Grenada
850 bgs, W R Grace & Co, Guayaquil
300 bgs, Guayaquil
50 bgs, General Cocoa Co, Guayaquil
750 bgs, W R Grace & Co, Guayaquil
360 bgs, Guayaquil
500 bgs, Wessel, Kulenkampf & Co, Guayaquil
75 bgs, General Cocoa Co, Guayaquil
250 bgs, Farr & Co, Port Spain
400 bgs, Middleton & Co, Port Spain
500 bgs, Wessel, Kulenkampf & Co, Port Spain
500 bgs, General Cocoa Co, Port Spain
500 bgs, Wood & Selick, Port Spain
275 bgs, General Cocoa Co, Port Spain

COCONUT, DESIC—567 cs, General Food Sales Corp, Manila
1,159 cs, Philippine Desic Coconut Corp, Manila
500 bgs, General Food Sales Corp, Manila
403 cs, Philippine Desic Coconut Corp, Manila
1,150 bgs, General Food Sales Corp, Manila
428 cs, Philippine Desic Coconut Corp, Manila

COCONUT SHELL—871 bgs, Bernhard Sirutta, Inc, Kingston

COCONUTS—500 bgs, J A Manton, Kingston
500 bgs, General Food Sales Corp, Kingston
416 bgs, General Food Sales Corp, St Lucia
290 bgs, Universal Import & Export Co, St Lucia
300 bgs, Barclay Bank, St Vincent
50 bgs, Roseau

COPAIBA BALSAM—2 dms, Magnus, Mabee & Reynard, Cristobal
3 dms, Wessel, Duval & Co, Cristobal
2 dms, Fritzsche Bros, Cristobal

COPPER OXYCHLORIDE—1 cs, Hoole Service Co, Genoa

CORK—317 bls, Wicander & Co, Oporto

SHAVINGS—88 bls, Wicander & Co, Oporto
482 bls, Cork Trading Corp, Oporto
293 bls, Cox & Fahner, Oporto
329 bls, Cox & Fahner, Oporto

VIRGIN—12,000 bls, Armstrong Cork Co, Lisbon
835 bls, Mundet Cork Corp, Lisbon
892 bls, National City Bank, Lisbon
812 bls, Wicander & Co, Lisbon
1,076 bls, National City Bank, Lisbon
700 bls, Wicander & Co, Oporto
187 bls, Armstrong Cork Co, Oporto
434 bls, Armstrong Cork Co, Oporto
268 bls, Armstrong Cork Co, Oporto
800 bls, United Cork Co, Lisbon
455 bls, United Cork Co, Lisbon
585 bls, Cork Insulation Co, Lisbon
450 bls, Mundet Cork Corp, Lisbon
625 bls, Cork Insulation Co, Lisbon
436 bls, National City Bank, Lisbon

WASTE—353 bls, Lisbon
393 bls, Lisbon
500 bls, Mundet Cork Corp, Lisbon
310 bls, Chase National Bank, Lisbon
722 bls, Lisbon
500 bls, Mundet Cork Corp, Lisbon
1,348 bls, Wicander & Co, Oporto
780 bls, National City Bank, Oporto
630 bls, Congoleum Nairn, Inc, Oporto
426 bls, Congoleum Nairn, Inc, Oporto
1,700 bls, Mundet Cork Corp, Lisbon
518 bls, Consolidated Cork Corp, Lisbon
2,400 bls, Mundet Cork Corp, Lisbon
450 bls, Mundet Cork Corp, Lisbon
457 bls, Consolidated Cork Corp, Lisbon
9,247 bls, Armstrong Cork Co, Lisbon

WOOD—14,927 bls, Armstrong Cork Corp, Marseilles
400 bls, Mundet Cork Corp, Lisbon
1,000 bls, Armstrong Cork Co, Lisbon

COTTON HULL FIBER—458 bls, Hercules Powder Co, Santos
562 bls, Hercules Powder Co, Santos

LINTERS—501 bls, Buenos Aires
58 bls, Philadelphia National Bank, Callao
31 bls, W R Grace & Co, Callao
40 bls, W R Grace & Co, Callao

COTTONSEED MEAL—8,696 bgs, Santos

CYANIDE, PRECIP—24 cs, South American Development Co, Puna

DIVI DIVI—2,531 bgs, Chemical Bank Trust Co, Curacao
1,571 bgs, Chase National Bank, Barranquilla

DRAGON'S BLOOD—10 cs, S B Penick & Co

DYES, ANILIN—34 dms, Sandoz Chem Works, Genoa
72 cks, Geigy Co, Genoa
78 dms, Sandoz Chem Works, Genoa
36 bbls, Carbic Color & Chem Co, Genoa
87 cks, Geigy Co, Genoa
115 dms, Wedeman & Godknecht, Lisbon
94 dms, 1 cs, Wedeman & Godknecht, Lisbon
25 dms, Sandoz Chem Works, Lisbon

EARTH—978 bgs, Pomeroy & Fischer, Vera Cruz
978 bgs, Pomeroy & Fischer, Vera Cruz
36 bgs, E Franchot Gluck, Vera Cruz

ERGOT—40 cs, S B Penick & Co, Oporto
40 cs, Lisbon

FISH LIVER—15 bbls, Atlantic Freighting Co, Funchal

MEAL—1,527 bgs, Portugal

FLAXSEED—2,497 bgs, 5,493 bus, Leval & Co, Buenos Aires
1,287 tons, 51,480 bus, Bunge North American Grain Co, Buenos Aires
2,640 bgs, 5,808 bus, Bunge North American Grain Co, Buenos Aires

FLAXSEED—1,354 tons, 54,160 bus, Bunge North American Co, Buenos Aires
9,606 bgs, 21,133 bus, Bunge North American Co, Buenos Aires
401 tons, 16,040 bus, Leval & Co, Buenos Aires
1,492 bgs, 3,282 bus, Leval & Co, Buenos Aires

FUSTIC—712 pcs, American Dyewood Co, Cristobal

GELATIN—3 cs, Kern Co, Genoa

GINGER ROOT—4 bgs, S B Penick & Co, Kingston

GLANDS—23 cs, Wilson & Co, Buenos Aires
294 cs, Buenos Aires
58 cs, Buenos Aires
7 cs, Tupman, Thurlow Co, Santos

BEEF SUPRARENAL—48 cs, Swift & Co, Montevideo
33 cs, Swift & Co, Buenos Aires

GLUE, BONE—400 bgs, T W Dunn & Co, Santos

GLUESTOCK—87 bls, H Remis & Co, Havana
92 bls, H Remis & Co, Havana
303 bls, H Remis & Co, Vera Cruz
54 bls, H Remis & Co, Vera Cruz

GREAVES—361 cks, Buenos Aires
2 bgs, Buenos Aires

GUAIAC EXTRACT—5 cs, Buenos Aires

GUM, COPAL—35 bgs, Gillespie-Rogers-Pyatt Co
35 bgs, G W S Patterson & Co
210 bgs, Stroock & Wittenberg
64 bgs, S Winterbourne & Co
50 cs, Stroock & Wittenberg
50 cs, G W S Patterson & Co
35 bgs, Gillespie-Rogers-Pyatt Co

DAMMAR—1,610 bgs, O G Innes Corp
420 bgs, Gillespie-Rogers-Pyatt Co
150 cs, Stroock & Wittenberg
420 bgs, G W S Patterson & Co
1,320 bgs, O G Innes Corp
280 bgs, France, Campbell & Darling
512 bgs, S Winterbourne & Co
700 bgs, O G Innes Corp
420 bgs, 50 cs, France, Campbell & Darling
50 cs, Thurston & Braidich
384 bgs, S Winterbourne & Co

GUAIAC—9 cs, Curacao Trading Co, Trujillo

KARAYA—200 bgs, Paul A Dunkel & Co
133 bgs, Thurston & Braidich
133 bgs, T M Duche & Sons
66 bgs, Innis, Speiden & Co
133 bgs, Thurston & Braidich
200 bgs, Paul A Dunkel & Co
333 bgs, Wm M Allison & Co
66 bgs, S B Penick & Co
128 bgs, E Meer & Co
66 bgs, Wm M Allison & Co
134 bgs, S B Penick & Co
133 bgs, Innis, Speiden & Co
133 bgs, T M Duche & Sons
123 bgs, E Meer & Co
134 bgs, S B Penick & Co

MYRRH—10 bgs, E Meer & Co

OLIBANUM—13 cs, J L Hopkins & Co
14 cs, J L Hopkins & Co

HERBS—14 cs, Lisbon

IPECAC ROOT—19 bls, Rio de Janeiro
15 bls, N Brandon Co, Port Limon
8 bls, R D Heins, Cristobal

IRISH MOSS—5 cks, Canada
2 bgs, Canada

JALAP ROOT—17 bls, Vera Cruz

KOLA NUTS—50 bgs, Barclay Bank, Kingston
56 bgs, S B Penick & Co, Kingston

LAUREL LEAVES — 48 bls, Astrin Bros, Ltd, Oporto
17 bls, Astrin Bros, Ltd, Oporto
88 bls, American M O T, Inc, Oporto

LIME JUICE—5 cs, American Lime Corp, St Lucia
50 hhds, Roseau
30 cks, Middleton & Co, Port Spain

LOGWOOD STRAITS—51 tons, American Dyewood Co, Kingston

MANGROVE BARK—2,540 bgs, Chase National Bank

EXTRACT—108 bgs, Andean Trading Co, Puna

MANIOC FLOUR—1,016 bgs, H S Cramer & Co, Rio Janeiro
750 bgs, Guaranty Trust Co, Rio Janeiro
500 bgs, National City Bank, Rio Janeiro
1,000 bgs, J Henry Schroeder Banking Corp, Rio Janeiro
840 bgs, Rio Janeiro
2,032 bgs, Chase National Bank, Rio Janeiro
1,525 bgs, National City Bank, Rio Janeiro
2,000 bgs, S Stern Stiner Co, Santos
2,000 bgs, S Stern Stiner Co, Santos
17 bgs, Washburn Crosby Co, Rio Janeiro
200 bgs, H H Pike & Co, Talcahuano

MATE—1 cs, J Victori & Co, Rio Janeiro

MEDICINAL PREP—3 cs, Wedeman & Godknecht, Lisbon
5 cs, M Darias, Santos
2 cs, D C Andrews & Co, Rio Janeiro
16 cs, Karr, Ellis & Co, Rio Janeiro
4 cs, D C Andrews & Co, Rio Janeiro

MICA—39 cs, Rio Janeiro
14 bgs, Flomarcy Co, Victoria
20 cs, Holland American Trading Corp, Buenos Aires
136 cs, Eugene Munsell & Co, Rio Janeiro
51 cs, Analy Corp, Rio Janeiro
40 cs, Rio Janeiro

MILK, POWD—250 cs, Nestles Milk Product Co, Buenos Aires

NUTMEGS—150 bgs, B H Old & Co, Grenada
150 bgs, Thomas Scott & Co, Grenada
50 bgs, B H Old & Co, Grenada
100 bgs, Thomas Scott & Co, Grenada

OIL, BAY—3 cs, Roseau

CANANGA—4 dms, Irving Trust Co
1 dm, Guaranty Trust Co

CINNAMON LEAF—1 dm, Kingston
1 dm, Chase National Bank

CITRONELLA—56 dms, Guaranty Trust Co
30 dms, New York Trust Co
30 dms, Irving Trust Co
20 dms, Continental Bank Trust Co
51 dms, J Henry Schroeder Banking Corp
10 dms, Givaudan Delawanna
116 dms, Chase National Bank

COCONUT—580 tons, Spencer Kellogg & Sons
560 tons, Philippine Refining Corp

COD—152 cks, Canada
150 dms, Canada

CODLIVER—5 bbls, Canada

ESSENTIAL—1 cs, Dodge & Olcott Co, Vera Cruz
17 cs, Wells, Fargo & Co, Vera Cruz
1 cs, Magnus, Mabee & Reynard, Vera Cruz

FUEL — 10,000 bbls, Asiatic Petroleum Corp, Curacao
67,819 bbls, Asiatic Petroleum Corp, Curacao
3 dms, J I Case, Buenos Aires

LEMON—13 cs, W J Bush & Co, Vera Cruz

LEMONGRASS—5 dms, Bank of London-South America, Cristobal

LIME DIST—12 cs, Chase National Bank, Roseau
35 cs, Roseau
9 cs, Roseau

MANDARIN—12 cs, Chase National Bank, Santos
4 cs, J Berlage, Rio de Janeiro

NAPHTHENIC RESIDUE—150 dms, Asiatic Petroleum Corp, Curacao

NEATSFOOT — 35 dms, Tupman-Thurlow Co, Santos
50 dms, International Product Corp, Buenos Aires

ORANGE—10 ctns, Biological Raw Product Co, Santos
3 dms, Biological Raw Product Co, Santos
17 cs, Chase National Bank, Santos
8 ctns, Bank of Manhattan, Santos
42 ctns, Chase National Bank, Rio de Janeiro
13 cs, T M Duche & Sons, Rio de Janeiro
20 cs, Fritzsche Bros, Rio de Janeiro
20 cs, Bank of Manhattan, Rio de Janeiro
20 cs, P R Dreyer, Rio de Janeiro

ORANGE BITTER—21 cs, Mackenzie & Co

PALMAROSA—4 pots, Allondon Bayonne, Inc
1 pot, Chaleyer, Inc

PATCHOULI—4 dms, National City Bank
2 cs, Bankers Trust Co
2 dms, National City Bank
1 dm, Corn Exchange Bank Trust Co

PETITGRAIN—6 dms, Givaudan-Delawanna, Buenos Aires
6 dms, Buenos Aires

RAPESEED, REFD—486,526 kilos, H S Cramer & Co, Buenos Aires
quantity, Bunge North American Grain Co, Buenos Aires

SASSAFRAS—1 dm, New York Trust Co, Santos

SHARK—2 cs, Kastner & Jollinck, La Guaira

SHARK LIVER—1 cs, Duncan Fox & Co, La Guaira

VEGETBALE—50 dms, M D Craig & Co, Buenos Aires

VETIVER—4 dms, Guaranty Trust Co
1 dm, French American Banking Corp
1 dm, J H Schroeder Banking Corp
5 dms, New York Trust Co

ORANGE PEEL—5 bbls, J De Kuyfer Son, Inc, Curacao

OX GALLS—4 tcs, Wilson & Co, Santos
9 bbls, Rio Janeiro

PAPAIN—20 cs, Tanga

PAPRIKA—50 bgs, Lisbon

PATCHOULI LEAVES—71 bls, Volkart Bros, Singapore

PEPPER, BLACK—36 bgs, Vera Cruz
56 bgs, Vera Cruz

WHITE—210 bgs, A G Dunn

PETROLEUM, CRUDE—83,558 bbls, Standard Oil Co of N J, Caripito
12,735 bbls, Standard Oil Co of N J, Guiria

PICHI LEAVES—5 bls, J L Hopkins & Co, Talcahuano

PIMENTO—25 bgs, E S Klinko, Kingston
25 bgs, W E Martin, Kingston

PITCH, BREWERS—56 bgs, Cardinal Chem Co, Genoa

PITO SEED—18 cs, Merck & Co, Puerto Barrios

PYRETHRUM FLOWERS—182 bls, John Powell & Co
375 bls, John Powell & Co
500 bls, R J Prentiss & Co
125 bls, Dodge & Olcott Co

QUASSIA CHIPS—300 bgs, R J Prentiss & Co, Kingston

QUEBRACHO EXTRACT—500 bgs, International Product Corp, Buenos Aires
999 bgs, Tannin Corp, Buenos Aires
2,949 bgs, Tannin Corp, Buenos Aires
90 bdls, Tannin Corp, Buenos Aires
509 bgs, Tannin Corp, Buenos Aires
1,826 bgs, Tannin Corp, Buenos Aires

QUICKSILVER—10 flasks, Vera Cruz

RHATAMY ROOT—55 bgs, Alfred Villagram, Arica

ROCK CRYSTALS—602 cs, L J Buck, Rio Janeiro
2 cs, American Gem & Pearl Co, Rio Janeiro
16 cs, Electro Research Prod Co, Rio Janeiro
31 cs, Metal Reserve, Rio Janeiro
13 cs, National City Bank, Rio Janeiro
29 cs, Pan-American Trading Co, Rio Janeiro
299 cs, L J Buck, Rio Janeiro
25 cs, Pan-American Trading Co, Rio Janeiro
106 cs, L J Buck, Rio Janeiro
23 cs, Brazilian Trading Co, Rio Janeiro

SAND SILICIOUS—1 dm, R De Azevedo, Santos

SAPONIN—42 cs, W R Grace & Co, Valparaiso

SARSAPARILLA ROOT—8 bls, S B Penick & Co, Kingston

SCHEELITE—15 bgs, Watson, Geach & Co

SHELLAC—2,900 bgs, Ralli Bros
500 bgs, Wm Zinsser & Co
2,400 bgs, Ralli Bros
3,100 bgs, Ralli Bros
3,500 bgs, Ralli Bros

BUTTON LAC—100 bgs, Ralli Bros

SEEDLAC—900 bgs, Wm Zinsser
500 bgs, Wm Zinsser

SOAPBARK—210 bls, S B Penick & Co, San Antonio

SPONGES—3 bls, Gulf & West Indies Co, Havana
24 bls, Havana

WASTE—3 bls, Havana
10 bls, Havana

SQUILL—1,200 bgs, Marseilles

TALC—2,286 bgs, Heyman & Co, India
2,286 bgs, Heyman & Co, India

TALLOW—750 dms, L Stern Sons, Inc, Montevideo
262 tcs, Armour & Co, Buenos Aires

TAMARINDS—25 half bbls, Barclay Bank, St Lucia

YOU, too, should have your imports listed here for the information of OPD readers—it costs you nothing.
Mail lists of arrivals promptly and regularly, or telephone them — REctor 2-9820.

TANKAGE—662 bgs, Wessel, Duval & Co, Buenos Aires
4,000 bgs, Swift & Co, Buenos Aires
2,000 bgs, Swift & Co, Buenos Aires
4,000 bgs, Wilson & Co, Buenos Aires
2,426 cakes, 8 bgs, Buenos Aires
TANTALUM—48 bgs, Philipp Bros
TAPIOCA FLOUR—1,840 bgs, Bank of New York, Rio Janeiro
840 bgs, Bank of Manhattan, Rio Janeiro
1,000 bgs, Bank of New York, Rio Janeiro
8,752 bgs, Stein, Hall & Co, India
4,653 bgs, Irving Trust Co, India
1,250 bgs, India
3,763 bgs, Corn Product Refg Co, Puerto Plata
2,529 bgs, Corn Product Refg Co, Puerto Plata
TARA POWDER—321 bgs, International Product Corp, Salaverry
SHEATH—176 bgs, I Herman, Salaverry
TARTAR—611 bgs, W R Grace & Co, San Antonio
1,997 bgs, Standard Brands, Marseilles
TIN WOLFRAMITE ORE—400 bgs, W R Grace & Co, Mollendo
TONKA BEANS—10 cks, Irving Trust Co, Trinidad
7 cks, Irving Trust Co, Port Spain
TUCUM KERNELS—675 bls, General Food Sales Corp, Brazil
3,076 bls, General Food Sales Corp, Brazil
1,538 bls, General Food Sales Corp, Brazil
3,076 bls, General Food Sales Corp, Brazil
VANILLA BEANS—11 cs, Norda Essential Oil & Chem Co, Vera Cruz
21 cs, F Huber & Co, Vera Cruz
21 cs, Thurston & Braidich, Vera Cruz
13 cs, F Huber & Co, Vera Cruz
32 cs, F Huber & Co, Vera Cruz
29 cs, Dodge & Olcott Co, Vera Cruz
20 cs, F Huber & Co, Vera Cruz
WATTLE BARK—560 bgs, Tannin Corp
275 bgs, Tannin Corp
WAX, BEES—80 bgs, D Steengrafe, Santos
100 bgs, Wessel, Duval & Co, Rio Janeiro
38 bgs, Lenape Trading Co, Trujillo
1 bgs, N N Leroy, Trujillo
35 bgs, Schutte & Focke, Trujillo
13 bgs, Curacao Trading Co, Trujillo
5 bls, Gillespie & Co, Puerto Barrios
6 bgs, C H Pearson, Cristobal
7 bgs, Bruno Scheidt, Inc, Cristobal
8 bgs, Atos American Transoceanic Sales Corp, Callao
25 bgs, E J Lang, Buenos Aires
45 bgs, American Cyanamid & Chem Co, Buenos Aires
23 bgs, E J Lang, Buenos Aires
17 bgs, Vera Cruz
14 bgs, D Steengrafe, Havana
10 bgs, Irving Trust Co, Havana
11 bgs, D Steengrafe, Havana
9 bgs, Irving Trust Co, Havana
21 bgs, D Steengrafe, Havana
25 bgs, Lopez Serrano & Co, Havana
18 bgs, E Vadillo Ruiz, Havana
CARNAUBA—56 bgs, W R Grace & Co, Rio Janeiro
56 bgs, American Cyanamid & Chem Co, Rio Janeiro
56 bgs, Strohmeyer & Arpe Co, Rio Janeiro
56 bgs, Wessel, Duval & Co, Rio Janeiro
72 bgs, A Hurst & Co, Rio Janeiro
112 bgs, Innis, Speiden & Co, Rio Janeiro
71 bgs, Wessel, Duval & Co, Rio Janeiro
72 bgs, A Hurst & Co, Ro Janeiro
176 bgs, Wm M Allison & Co, Brazil
OURICURY—143 bgs, A Hurst & Co, Bahia
56 bgs, Public National Bank Trust Co, Bahia
56 bgs, Wessel, Duval & Co, Bahia
WINE LEES—344 bgs, Standard Brands, Lisbon
85 bgs, W R Grace & Co, San Antonio
429 bgs, Standard Brands, Lisbon
212 bgs, Standard Brands, Lisbon
WOLFRAM, CONC—220 bgs, L J Buck, Inc
ORE—500 bgs, W R Grace & Co, Mollendo
YEAST—1 pkg, Standard Brands, Havana
ZINC, CONC—9,000 tons, Callao

New York Transit Imports

CHLOROPHYLL—1 cs, Wedeman & Godknecht, Genoa, Canada
COCA LEAVES—114 bls, Maywood Chem Works, Salaverry, Maywood
COCOA BEANS—112 bgs, Mombassa, Toronto
230 bgs, Middleton & Co, Guayaquil, Boston
600 bgs, Middleton & Co, Guayaquil, Boston
COCONUTS—300 bgs, St Vincent, Montreal
COTTON LINTERS—330 bls, West Texas Cotton Oil Co, Santos, Houston
COTTONSEED MEAL—2,000 bgs, West Texas Cotton Oil Co, Santos, Houston
2,400 bgs, West Texas Cotton Oil Co, Santos, Houston
DYES, ANILIN — 61 dms, Sandoz Chem Works, Genoa, Canada
12 bbls, Geigy Co, Genoa, Canada
ERGOT—80 cs, Eli Lilly & Co, Lisbon, Indianapolis
20 cs, Parke, Davis & Co, Oporto, Detroit
60 cs, Parke, Davis & Co, Lisbon, Detroit
GUM, KARAYA — 133 bgs, Philipp Bros, India, Boston
LEATHER WASTE—63 bls, First National Bank, Rio de Janeiro, Boston
MANIOC FLOUR—1,000 bgs, Arnold Hoffman & Co, Rio de Janeiro, Providence
MERCURY ORE — 36 bgs, Ed Franchot, Vera Cruz, Niagara Falls
OIL, CITRONELLA—41 dms, First National Bank, to Chicago
SHELLAC—300 bgs, 50 cs, Ralli Bros, to Montreal
25 cs, Gillespie-Rogers-Pyatt Co, to Canada
400 bgs, Ralli Bros, to Montreal
VANILLA BEANS—17 cs, M Cortizas Co, Vera Cruz, Philadelphia
4 cs, M Cortizas Co, Vera Cruz, Philadelphia
21 cs, M Cortizas Co, Vera Cruz, Philadelphia
WAX, BEES—150 bgs, to Montreal
75 bgs, to Montreal

Baltimore Imports

GASOLINE—80,516 bbls, Asiatic Petroleum Corp, Curacao
IRON ORE—21,700 tons, Bethlehem Steel Co, Cruz Grande
MANGANESE ORE—1,800 tons, Calcutta
6,775 tons, Vizagapatam
MOLASSES—1,303,513 gls, Cuba Distilling Co, Nuevitas
558,872 gls, Commercial Molasses Corp, Cienfuegos
OIL, FUEL—115,000 bbls, Standard Oil Co N J, Aruba
PETROLEUM, CRUDE—81,110 bbls, Standard Oil Co N J, Las Piedras

Philadelphia Imports

CELESTINE—204 tons, E I DuPont de Nemours Co, Inc, Avonmouth
CHROME ORE—1,750 tons, Lavino Shipping Co, Karachi
502 tons, Lavino Shipping Co, Laurenco Marques
2,700 tons, Lavino Shipping Co, Moa Bay
CHINA CLAY—100 tons, Paper Makers Import Co, Avonmouth
1,382 tons, United Clay Mines, Avonmouth
314 tons, J W Higman & Co, Avonmouth
256 tons, Paper Makers Import Co, Avonmouth
132 tons, J W Higman & Co, Avonmouth
CLAY, BLUE—30 tons, F H Sants, Avonmouth
50 tons, Ross Tacony Crucible Co, Avonmouth
300 tons, United Clay Mines, Avonmouth
80 tons, Moore & Munger, Avonmouth
82 tons, J W Higman & Co, Avonmouth
COCOA BEANS—4,000 tons, Freetown
LOGWOOD—2,130 tons, Savannah Le Mar & Black River
MANGANESE ORE—3,600 tons, Lavino Shipping Co, Takoradi
MOLASSES—1,800,200 gls, Publicker Alcohol Corp, Antilla & Havana
1,200,000 gls, Publicker Alcohol Corp, Porto Tarafa
1,428,255 gls, Publicker Alcohol Corp, Pastelillo
PETROLEUM—76,000 bbls, Sinclair Navigation Co, Tuxpan
76,000 bbls, Sinclair Navigation Co, Tuxpan
29,844 bbls, Gulf Oil Corporation, Puerto la Cruz
31,242 bbls, Gulf Oil Corporation, Puerto la Cruz
123,739 bbls, Gulf Oil Corporation, Puerto la Cruz
PYRITES—7,628 tons, from Huelva
SHELLAC—250 bgs, Brown Bros, Harriman & Co, Calcutta

Exports from U. S. Ports

Baltimore Exports

DEXTRIN—8,000 lbs, Port Natal
FELDSPAR—1,000 lbs, Port Natal
GLASS FRIT, CRUSHED—55,000 lbs, Port Natal
GUM, LIQUID—2,303 lbs, Port Natal
MAGNESITE—57,408 lbs, Port Natal
OIL, LUBRICATING—44 bbls, South America
SODA, ASH—110,250 lbs, South America
66,150 lbs, South America
CAUSTIC—8,000 lbs, South America
SULPHUR DIOXIDE—700 lbs, Port Natal
6,550 lbs, Port Natal

New Orleans Exports

ACID, STEARIC—51 tons, Vera Cruz
ALUMINA SULPHATE—182 tons, Barranquilla
ANIMAL CHARCOAL—101 tons, Vera Cruz
ASPHALT—86 tons, Cristobal
BARYTES—151 tons, Havana
BLACK, CARBON—13 tons, Vera Cruz
CASEIN—12 tons, Vera Cruz
CELLULOSE FILM—11 tons, Vera Cruz
CORNSTARCH—10 tons, Cristobal
FERRIC SULPHATE—37 tons, Vera Cruz
FIRECLAY—23 tons, Cristobal
FLAXSEED—223 tons, Vera Cruz
FULLER'S EARTH—36 tons, Puerto Barrios
GASOLINE—18 tons, Bluefields; 20 tons, Cristobal
LARD—24 tons, Cristobal; 67 tons, Havana; 15 tons, Puerto Limon; 18 tons, Belize; 25 tons, Santiago
LIME, HYDRATED—295 tons, Puerto Barrios
OIL, DIESEL—86 tons, Ceiba
FUEL—342 tons, Ceiba
LUBRICATING—15 tons, Kingston; 15 tons, Puerto Barrios
LUBRICATING AND GREASE—93 tons, Vera Cruz
SOYBEAN—11 tons, Barranquilla
PARAFFIN—83 tons, Barranquilla; 15 tons, Havana; 23 tons, West Coast South America
QUEBRACHO EXTRACT—529 tons, Vera Cruz
ROSIN—96 tons, Cristobal; 18 tons, Barranquilla; 343 tons, West Coast South America
SALT—99 tons, Havana; 72 tons, Cristobal; 23 tons, Belize; 6 tons, Vera Cruz
SODA CAUSTIC—263 tons, Vera Cruz
TANNING EXTRACT—68 tons, Vera Cruz

Philadelphia Exports

CEMENT GASKET—232 cartons, Buenos Aires
FUNGICIDE—1 bg, Buenos Aires
INSECTICIDE—64 dms, 1 bx, Buenos Aires
LOGWOOD EXTRACT—2 bxs, Buenos Aires
MANGANESE ORE, GR—490 bgs, Buenos Aires
OIL, LUBRICATING—255 cs, Santos; 235 cs, Rio de Janeiro; 578 cs, 5 bbls, 22 dms, Santos; 65 dms, Montevideo; 236 cartons, 102 dms, Buenos Aires
SODA CAUSTIC—50 dms, Santos
TANNIN EXTRACT—1 dm, Buenos Aires

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Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Chemicals:—Egypt has made subject to license exports of chemicals.

Import Surtax:—Barbados has increased its import surtax to 20 percent on most articles.

Chrome Compounds:—All holders of stocks of soda bichromate, potash bichromate, chrome alum, or any proprietary compound of similar chemical composition, in India shall not use or dispose of them except that they may be used in execution of current government war contracts.

Edible Oils:—Paraguay has prohibited imports of edible oils except under prior permit.

Metaphenilenediamine: — Uruguay has included and its salts metaphenilenediamine within the raw materials section of its tariff, dutiable at 10 percent, plus a surtax of 16 percent, of a fixed official customs valuation established at 1.20 pesos per kilo.

New Zealand Imports:—Licensing schedule for 1942, which, with special exceptions, limits imports to 50 percent of the value of import licenses granted for 1940.

Metals: — Mexico has announced changes in the official valuations of various minerals and metals.

Pepper:—Bulgaria has established standards of quality for the manufacture and exportation of red pepper.

Waxes:—Exports of waxes from Algeria has been made subject to license.

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—14,488 bbls, Oleum; 12,644 bbls, Portland; 22,000 bbls, Portland; 11,752 bbls, Portland; 2,560 bbls, San Diego; 1,596 bbls, San Diego; 1,857 bbls, San Diego; 3,800 bbls, San Diego; 56,267 bbls, San Francisco; 63,568 bbls, Portland; 61,803 bbls, San Francisco; 2,511 bbls, San Diego; 1,417 bbls, San Diego; 1,794 bbls, San Diego; 48,800 bbls, Portland; 37,091 bbls, Richmond; 56,142 bbls, Seattle
KEROSENE—4,392 bbls, Oleum; 3,000 bbls, Portland
OIL, DIESEL—6,300 bbls, Portland; 10,044 bbls, Portland; 12,974 bbls, San Francisco; 1,471 bbls, San Diego; 1,453 bbls, San Diego; 24,000 bbls, Portland
FUEL—18,804 bbls, Portland; 47,047 bbls, Portland; 35,228 bbls, Oleum; 66,134 bbls, Avon; 67,167 bbls, Avon; 8,146 bbls, San Francisco; 69,530 bbls, Seattle; 71,132 bbls, Seattle
FURNACE—4,420 bbls, Portland

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended August 13

Balsam, tolu, 15 cases; restricted use.
Belladonna leaves, 10 bales; not U.S.P.
Cassia oil, 5 drums; not U.S.P.
Cod oil, 900 drums; restricted use.
Gum, myrrh, 25 bags; not U.S.P.
Ichthammol, 2 drums; not N.F.
Medicinal preparations, 1 parcel; false and misleading statements.
Medicinal preparations, 4 parcels; new drug.
Medicinal preparations, 1 parcel; false and misleading statements; not properly labeled; no quantity of contents statement.
Mineral water, 50 cartons; false and misleading statements.
Papaw, pulp, 101 cartons, decomposed.
Sage leaves, 364 bags; excess stems.

Baltimore

Week Ended August 13

Medicinal preparations, 6 boxes; inadequate warning statement; false and misleading statements; no quantity of contents statement.
Sesame seed, 1,496 bags; insect infestation.

Boston

Week Ended August 13

Cod oil, 7,403 gallons; restricted use.
Magnesia, 600 bags; not U.S.P.

Denver

Week Ended August 7

Medicinal preparation, 20 bottles; false therapeutic claims.

San Francisco

Week Ended August 7

Nutmegs, 3,000 pounds; filthy.

Seattle

Week Ended August 7

Medicinal preparation, 50 dozen; omission mandatory labeling; false therapeutic claims.
Hair renewer, 5 bottles; omission mandatory labeling; false therapeutic claims.

Export Clearance Section Established by Maxwell

—*Continued from page 5*

partment of State. The clearance service does not in any manner change the procedure for obtaining export licenses. Applications for such licenses are submitted, as heretofore, to the Division of Controls, Department of State, Washington, D. C.

By clearing requests for essential commercial needs through the Office of the Administrator of Export Control, it now is unnecessary for exporters to lose time in contacting the various other interested agencies of the government in order to arrange individual export transactions.

Provisions made through the clearance service for obtaining priority ratings for certain essentials required to fulfill civilian needs are of particular importance to those American republics whose economic life has been badly dislocated by drastic reductions of supplies brought about by the present world emergency. Applications for clearance of export proposals need not be limited to those items now subject to export control regulations.

International Load Line Suspended by U.S.

—*Continued from page 5*

tional and hemispheric defense, the Department of State has conferred with the American Republics that are parties to the convention, namely, Argentina, Brazil, Chile, Cuba, Mexico, Panama, Peru and Uruguay, all of which countries have agreed to the suspension. The load lines will be fixed during the period of the suspension by the Secretary of Commerce.

Export Control Adds More Derivatives

—*Continued from page 5*

ing the exportation of bismuth, bismuth matte, slimes, and residues, metals and alloys, including base bullion; salts and compounds; and casein and casein glue to the British areas.

Lubricating Greases

Collectors of Customs have been advised that the unlimited licenses granted to the British Purchasing Commission for the exportation of certain lubricating oils, without requiring exporters to file individual license applications, have been extended to include the exportation of all lubricating oils and greases from any port of exit of the United States.

The Department of Commerce announced that Collectors of Customs have been advised by the Department of State that general licenses have been issued authorizing the shipment to Panama, Costa Rica, and Nicaragua of articles and materials subject to control which are required for highway projects under supervision of the Public Roads Administration.

Steel Barrel Output Up

Production of heavy-type steel barrels and drums in June amounted to 1,619,264, compared with 1,583,869 in May, and 1,097,836 in June a year ago. Shipments in June totaled 1,618,786, compared with 1,582,056 in May, and 1,101,901 in June a year ago. Stocks on hand at the end of the month totaled 39,163.

Output of light types in June reached 314,388, compared with 330,587 in May, and 210,000 in June last year. Shipments totaled 315,262, compared with 331,503 in May and 211,950 in June last year. Stocks at the end of month totaled 38,476.

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Bids Wanted

—Continued from page 4

Carbon Tetrachloride:—1,171,885 pounds; Contracting Officer, Materiel Division, Wright Field, Dayton; circular 273, opening August 19.

Charcoal:—1,200 pounds; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 8356, opening August 26.

Coaltar:—3,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Coaltar Naphtha:—1,000 gallons; General Purchasing Officer, Panama Canal, Washington;; schedule 5414, opening August 28.

Dyes:—10,000 pounds; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 900-5956, opening August 29.

Glue:—5,200 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 253, opening August 21.

Lard Oil:—1,500 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Laundry Soap:—270,000 pounds; Procurement Division, Treasury Department, Washington; invitation 631-S3, opening August 19.

Manganese Linoleate: — 2,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Muriatic Acid:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Paints:—Supplies of; U. S. Engineer Office, Rock Island, Ill.; invitation 10, opening August 20.

Paint, Coldwater:—20,000 pounds; Procurement Division, Treasury Department, Washington; invitation 654, opening August 20.

Pitch, Coaltar:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Red Lead:—8,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 358, opening August 26.

Rust Preventive Compound:—25,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Sal Soda:—4,050 pounds; U. S. Engineer Office, Custom House, Philadelphia; invitation 63, opening August 21.

Scouring Compound: — 24,960 pounds; Procurement Division, Treasury Department, Washington; invitation 632-S3, opening August 19.

Shellac:—15,400 pounds; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 8336, opening August 26.

Soda Thiosulphate:—77,500 pounds; Procurement Division, Treasury, Washington; schedule 626-S3, opening August 19.

Silica:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Soap:—10,000 pounds; Commanding Officer, San Antonio Arsenal, San Antonio, Tex.; circular 18, opening September 8.

Soap, Grit:—Supplies of; Procurement Division, Treasury Department, Washington; invitation 625-S3, opening August 19.

Strontium Nitrate:—138,400 pounds; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 8336, opening August 26.

Sulphuric Acid:—100,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; invitation 104, opening August 18.

Tallow:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5414, opening August 28.

Defense Contracts Recently Awarded

Chemicals, oils, drugs, and related products required in connection with the program for national defense have recently been contracted for by the army and other governmental agencies to August 9 as follows:—

Army Engineers

Limestone, Ground:—$2,754.48, Hoosac Valley Lime Company, Adams, Mass.

Paint:—$88,665.49, Muralo Company, Staten Island, N. Y.; $52,386.75, M. Ewing Fox Company, New York.

Army Medical Corps

Drugs, Pumice Powder, and Sodium Bicarbonate:—$7,084.60, Industrial Distributors, Inc., New York.

Drugs, Miscellaneous:—$13,570, Allaire, Woodward & Co., Peoria, Ill.

Foot Powder:—$46,200, Manhattan Soap Sales Corporation, New York.

Army Ordnance

Abrasive:—$2,200, Carborundum Company, Niagara Falls, N. Y.

Explosives:—$3,002.96, E. I. du Pont de Nemours & Co., Wilmington, Del.

Lacquer:—$1,828, Valentine & Co., New York.

Oil, Fuel:—$14,210, Colonial Beacon Oil Company, New York.

Oil, Lard:—$24,600, Enterprise Animal Oil Co., Philadelphia.

Oil, Wood Impregnating: — $1,368, Neveroil Bearing Company, Wakefield, Mass.

Paint, Acidproof:—$1,395, The Garland Company, Cleveland.

Salt, Carburizing:—$1,490, E. F. Houghton & Co., Philadelphia.

Sulphuric Acid: — $9,600, Standard Wholesale Acid & Phosphate Works, Baltimore.

Trichlorethylene:—$4,649.40, E. I. du Pont de Nemours & Co., Wilmington, Del.

Treasury Department

Calcium Carbide: — $21,600, National Carbide Corporation, New York.

Heat-Exchange Medium:—$76,160, Dow Chemical Company, Midland, Mich.

Sulphaguanidine: — $30,000, Lederle Laboratories, Inc., New York.

A.S. Boyle Co. Acquires Rights to 'Dwin' Products

Baldwin Laboratories, Saegertown, Pa., has sold its rights to "Dwin" products to the A. S. Boyle Company, a subsidiary of the American Home Products Corporation, Jersey City, N. J. The Franklin, Pa., plastics plant of the Baldwin Laboratories was not included in the deal.

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FOR SALE:—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE:—Three 12-in x 32-in. Day 5-roller mills, motor driven; pony mixers, 8 to 40 gals.; three Kent 8-in. lab., and five Ross 26-in. stone mills with iron mill feeds; pebble mills, lab. to 700 gals.; Day jumbo 700-gal. jacketed mixer; thirty filter presses, 12 in. to 36 in.; powder mixers, 100 to 2,000 lbs.; W. & P. mixers, lab. to 200 gals.; copper and aluminum kettles, 10 to 250 gals.; dryers, Sweetland filters, etc. Send for complete bulletins. Brill Equipment Corporation, 183 Varick street, New York City.

FIND what you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms - Harvey Equipment Company, 123 Bleecker street. SPring 7-8955.

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NEW JAR MILLS:—1 and 4 gal. used 36 in. x 42 in. Silex-lined pebble mill; skeleton wood filter press, 24 in. by 24 in.; 300 gal. rubber-lined vacuum kettle; one Swenson aluminum evaporator minus tubes. Lawler Company, Metuchen, N. J.

NO SHORTAGES HERE:—Sharples No. 6 super centrifuge, monel bowl; Patterson porcelain lined 30 gal. pebble mill; jar mills; Shriver 18-in. filter press, and 24-in jacketed filter press; steel tanks, 5,000 to 150,000 gals. cap.; Colton No. 2 automatic tube filler and closer; syphon and vacuum fillers; glass lined tanks. What have you for sale? Machinery & Equipment Corporation, 59 E. 4th street, New York City.

FOR IMMEDIATE SHIPMENT:—Two W.&P. jack. mixers, 150 gal.; pebble and ball mills, lab. to 700 gals.; jar mills, 1 to 15 gals.; 2 truck atmos. dryer; Stokes 2½x8 rotary dryer; 3x8 ft. rotary steam tube dryer; vacuum shelf dryers; Sharples No. 6 super centrifuge; DeLaval No. 700 centrifuge; paste mixers; powder mixers, up to 3,000 lbs.; rotex sifters, five filter presses 32 in. sq., also 12 in. to 48 in. sq.; No. 7 and 10 Sweetland filters; 12x30 and 16x40 in. 3 roll mills; stone mills 16 in. to 36 in., with hoppers; Raymond mills No. 00, 0 and 1; jack. agit. vac. stills; kettles and tanks; vacuum pumps, crushers and pulverizers, centrifugals, tablet machines, disc filters, iron mills; portable agitators; rotary and centrifugal pumps; powder and paste fillers; bottle fillers and washers. Only partial listing. Write for complete bulletins. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

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Vanillin from Lignin Production Expanded

Recent expansion of the plants producing "Zimco" lignin vanillin are illustrated and described in a folder issued by the General Drug Company, aromatic chemicals, of Brooklyn, N. Y. The expansion has been necessitated by the extraordinary rise in consumption of this vanillin and the endeavor to maintain ample inventories, it is stated. "Zimco" lignin vanillin is a pure, natural source, U.S.P. vanillin produced by an alkaline extraction process in plants located in Rothschild, Wis., it is declared. The lignin from which the vanillin is produced is said to constitute one of the largest new sources of raw materials in the world.

Karlin, Inc., to Take Over Larkin Cosmetic Interests

Buffalo, N. Y., Aug. 11, 1941

Another step has been taken in the rehabilitation of the Larkin interests by the organization of Karlin, Inc., to take over the manufacture of cosmetics and food products, formerly a division of the Larkin Company which is being liquidated under supervision of a creditors' committee.

Harry H. Larkin, president of Larkin Company, is president and treasurer of Karlin, Inc. The new company, capitalized at $10,000, has purchased machinery and equipment used in the production of food products and cosmetics by the Larkin Company, which has discontinued all manufacturing operations.

Lemon Grass Oil Research In India Reported Completed

As a result of research carried out formerly at Lahore, it has been possible for at least two factories in the Punjab to manufacture lemon and orange peel oil and a good industry has already come into being, according to the Department of Commerce. Saponine from soap-nut has been extracted economically by the Industrial Research Laboratories under the Director of Industries of Punjab. Researches have been completed on lemon grass oil at the University of Travancore and on using Mahua oil for making soaps at S. B. Technological Institute.

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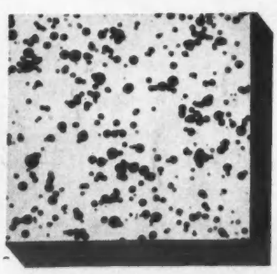
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